Berliner
Astronomisches Jahrbuch
für
1918

mit Angaben für die Oppositionen
der Planeten (1)—(807) für 1916

143. Jahrgang

Herausgegeben
von dem
Königlichen Astronomischen Rechen-Institut
zu
Berlin

Berlin
Ferd. Dümmlers Verlagsbuchhandlung
(Kommissionsverlag)
1916



Berliner

Astronomisches Jahrbuch

für

1 9 1 8

mit Angaben für die Oppositionen
der Planeten (1)—(807) für 1916

143. Jahrgang

Herausgegeben

von dem

Königlichen Astronomischen Rechen-Institut

zu

Berlin



Berlin

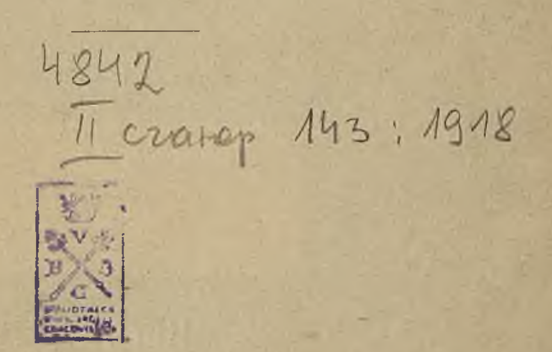
Ferd. Dümmlers Verlagsbuchhandlung

(Kommissionsverlag)

1916

Königliches Astronomisches Rechen-Institut,
Berlin-Dahlem, Altenstein Str. 40

Direktor:	Dr. Fritz Cohn, Universitätsprofessor
Observatoren:	F. K. Ginzel, Professor
	Dr. A. Berberich, Professor
	Dr. J. Peters, Professor
	Dr. J. Riem, Professor
	Dr. A. Stichtenoth
	Dr. H. Clemens
	Dr. P. V. Neugebauer
Hilfsarbeiter:	Dr. G. Stracke
Mitarbeiter:	Dr. P. Neugebauer, Professor



Vorwort

Auf Grund des internationalen Austausches wurden die folgenden Abschnitte von auswärts übermittelt:

1) Sonne, Mond und große Planeten (außer Merkur), seitens des *Nautical Almanac Office*, *London*.
2) Finsternisse, Sternbedeckungen, Jupiterstrabanten seitens des *Nautical Almanac Office*, *Washington*.

Alle übrigen Abschnitte wurden hier fertiggestellt und insbesondere die Ephemeriden der 555 Zeitsterne, des Merkur und der 8 älteren Saturnstrabanten den am Austausch beteiligten Instituten im Voraus zur Verfügung gestellt.

Vom Jahrgang 1916 an ist der fundamentale Meridian, auf den alle Angaben bezogen sind, der Meridian von Greenwich. Vom vorliegenden Jahrgang an gilt dies auch für die Angaben über die kleinen Planeten. Die Zeitangaben sind in Mittlerer Zeit Greenwich, die Kulminations-Phänomene für die Kulmination im Meridian von Greenwich gegeben.

Die Grundlagen des Berliner Astronomischen Jahrbuchs bilden:

Für die Sonne und die großen Planeten:

Die Tafeln von Newcomb und (für Jupiter und Saturn) von Hill, enthalten in:

Astronomical Papers of the American Ephemeris,
Vol. VI, Part I—IV: *Tables of the four inner planets*,
Vol. VII, Part I—IV: *Tables of Jupiter*, *Saturn*, *Uranus*, *Neptune*.

Als Sonnenhalbmesser in der mittleren Entfernung ist nach Auwers angenommen: $R = 15' 59''.63$.

Für den Mond:

Tables de la lune von P. A. Hansen, unter Verbesserung der Tafel 34 für das Fundamentalargument nach Newcomb. Außerdem enthalten die Mondörter die empirischen Korrektionen

von Newcomb nach: »Corrections to Hansen's tables of the Moon« (Washington, 1878).

Mittlere Mondparallaxe nach Hansen 57' 2".27.

Als Neigung des Mondäquators gegen die Ekliptik ist nach F. Hayn (A. N. 199, 263) angenommen: $J = 1°32'20''$.

Für die Fixsterne:

Neuer Fundamentalkatalog des Berliner Astronomischen Jahrbuchs nach den Grundlagen von A. Auwers, für die Epochen 1875 und 1900 bearbeitet von Dr. J. Peters (Veröffentlichung Nr. 33 des Königlichen Astronomischen Recheninstituts).

Als Werte der fundamentalen Reduktionsgrößen sind angenommen:

Die Präzessions-Größen nach S. Newcomb (vgl. H. Andoyer, Bull. Astr. 28, 67)
Die Nutations-Konstante . . . . 9".21
Die Nutations-Größen nach S. Newcomb (Bull. Astr. 15, 241)
Die Aberrations-Konstante . . . . 20".47
Die Sonnen-Parallaxe . . . . 8".80
Die Abplattung der Erde . . . 1:297.0

Für die Satelliten:

Die Angaben über die 4 älteren Jupiterstrabanten beruhen auf den neuen Tafeln von R. A. Sampson (*Tables of the four great Satellites of Jupiter.* London 1910), die Angaben über die 8 älteren Saturnssatelliten auf den von H. Struve ermittelten Werten (Näheres s. Erläuterungen).

In allen Ephemeriden der Sonne, der Planeten und der Fixsterne sind die kurzperiodischen, von der Mondlänge abhängigen Nutationsglieder weggelassen; doch bietet das Jahrbuch die Möglichkeit, auch diese weggelassenen Glieder zu berücksichtigen (s. Erläuterungen).

Der Inhalt des Jahrbuchs hat gegen das Vorjahr nur ganz geringfügige Änderungen erfahren (mit Ausnahme der Kleinen Planeten, für die in den besonderen Erläuterungen auf Seite (88) die Änderungen angegeben sind). Bezüglich der Zahlengrundlagen sei auf die im Berliner Jahrbuch für 1916 gegebene Darstellung der »Grundbegriffe der Sphärischen Astronomie« hingewiesen, von der Sonderabdrücke auf Wunsch durch das Astronomische Rechen-Institut, Berlin-Dahlem, zu erhalten sind.

Fritz Cohn.

Inhalt

	Seite
Vorwort	III
Zeit- und Festrechnung	VI
Sonnenephemeride	2
Rechtwinklige Sonnenkoordinaten	20
Mondphasen	39
Mondephemeride	40
Mondbewegung und Lage des Mondäquators	58
Ephemeride des Mondkraters Mösting A	59
Geozentrische Örter der großen Planeten	64
Heliozentrische Örter der großen Planeten	109
Mittlere Örter von 925 Fixsternen	114
Scheinbare Örter von 555 Zeitsternen	138
Scheinbare Örter von 9 nördlichen Polsternen	278
Scheinbare Örter von 9 südlichen Polsternen	308
Formeln für die Reduktion auf den scheinbaren Ort	338
Hilfsgrößen zur Berechnung der Präzession und der Reduktion auf den scheinbaren Ort	339
Finsternisse	376
Sternbedeckungen	381
Verfinsterungen der Jupiterstrabanten	385
Saturn und Saturnsring	387
Erscheinungen der Saturnstrabanten	391
Konstellationen	416
Hilfstafeln	417
Koordinaten der Sternwarten	435
Normalzeiten der wichtigeren Länder	443
Erläuterungen zu den Angaben und zum Gebrauch des Jahrbuchs	444
Berichtigungen	458

Anhang: Bahnelemente und Oppositions-Ephemeriden der kleinen Planeten für 1916.

Bahnelemente der kleinen Planeten (1)—(807)	(2)
Elliptische Elemente unnumerierter Planeten	(22)
Kreisbahnelemente	(23)
Oppositionsdaten für 1916: Datum, Größe, Mittlere Anomalie	(24)
Genäherte Oppositionsephemeriden für 1916	(29)
Ausführliche Oppositionsephemeriden der Planeten (13), (82), (113), (241), (288)	(83)
Erläuterungen	(88)
Berichtigungen	(102)
Alphabetisches Sachregister	(103)

Zeit- und Festrechnung 1918

Das Jahr 1918 entspricht dem
Jahr 6631 der Julianischen Periode und dem
Jahr 7426 — 7427 der Byzantinischen Ära

	Gregorianischer oder Neuer Kalender	Julianischer oder Alter Kalender: Tag im Julianischen Kalender	Julianischer oder Alter Kalender: Tag im Greogorianischen Kalender
Septuagesima	27. Jan.	18. Febr.	3. März
Aschermittwoch	13. Febr.	7. März	20. März
I. Quatember	20. Febr.	14. März	27. März
Ostersonntag	31. März	22. April	5. Mai
Himmelfahrt	9. Mai	31. Mai	13. Juni
Pfingstsonntag	19. Mai	10. Juni	23. Juni
II. Quatember	22. Mai	13. Juni	26. Juni
III. Quatember	18. Sept.	19. Sept.	2. Okt.
I. Advent	1. Dez.	2. Dez.	15. Dez.
IV. Quatember	18. Dez.	19. Dez.	1. Jan. 1919

Kalender der Mohammedaner

1336 (Schaltjahr)			
Rebî-el-accher 1	1918	Jan.	14
Dschemâdi-el-awwel 1	»	Febr.	12
Dschemâdi-el-accher 1	»	März	14
Redscheb 1	»	April	12
Schabân 1	»	Mai	12
Ramadân 1	»	Juni	10
Schewwâl 1	»	Juli	10
Dsû 'l-kade 1	»	Aug.	8
Dsû 'l-hedsche 1	»	Sept.	7
1337 (Gemeinjahr)			
Moharrem 1	1918	Okt.	7
Safar 1	»	Nov.	6
Rebî-el-awwel 1	»	Dez.	5

Kalender der Juden

5678	Schebat	1	. . . .	1918	Jan.	14
	Adar	1	. . . .	»	Febr.	13
		13	Fasten-Esther	»		25
		14	Purim	»		26
		15	Schuschan-Purim	»		27
	Nisan	1	. . . .	»	März	14
		15	Passah-Anfang*	»		28
		16	Zweites Fest*	»		29
		21	Siebentes Fest*	»	April	3
		22	Achtes Fest*	»		4
	Ijar	1	. . . .	»		13
		18	Lag-B'omer	»		30
	Sivan	1	. . . .	»	Mai	12
		6	Wochenfest*	»		17
		7	Zweites Fest*	»		18
	Thamuz	1	. . . .	»	Juni	11
		17	Fasten. Tempeleroberung	»		27
	Ab	1	. . . .	»	Juli	10
		9	Fasten. Tempelverbrennung . . .	»		18
	Elul	1	. . . .	»	Aug.	9
5679	Abgekürztes Schaltjahr					
	Tischri	1	Neujahrsfest*	1918	Sept.	7
		2	Zweites Fest*	»		8
		3	Fasten-Gedaljah	»		9
		10	Versöhnungsfest*	»		16
		15	Laubhüttenfest*	»		21
		16	Zweites Fest*	»		22
		21	Palmenfest	»		27
		22	Versammlung oder Laubhüttenende* .	»		28
		23	Gesetzesfreude*	»		29
	Marcheschwan	1	. . . .	»	Okt.	7
	Kislev	1	. . . .	»	Nov.	5
		25	Tempelweihe	»		29
	Tebet	1	. . . .	»	Dez.	4
		10	Fasten. Belagerung Jerusalems . .	»		13

Die mit * bezeichneten Festtage werden streng gefeiert

Astronomische Zeichen und Abkürzungen

Bezeichnung
der
Wochentage

☉ Sonntag
☾ Montag
♂ Dienstag
☿ Mittwoch
♃ Donnerstag
♀ Freitag
♄ Sonnabend

Adspekten

☌ Konjunktion
□ Quadratur
☍ Opposition

Mondphasen

● Neumond
◐ Erstes Viertel
○ Vollmond
◑ Letztes Viertel

☊ Aufsteigender } Knoten
☋ Niedersteigender } Knoten

Zeichen
des Tierkreises und der Himmelskörper

♈ Widder . . .	0 Grad		
♉ Stier	30	»	☉ Sonne
♊ Zwillinge . .	60	»	☾ Mond
♋ Krebs	90	»	☿ Merkur
♌ Löwe	120	»	♀ Venus
♍ Jungfrau . .	150	»	♁ Erde
♎ Wage	180	»	♂ Mars
♏ Skorpion . .	210	»	♃ Jupiter
♐ Schütze . . .	240	»	♄ Saturn
♑ Steinbock . .	270	»	♅ Uranus
♒ Wassermann	300	»	♆ Neptun
♓ Fische . . .	330	»	

Sonne, Mond, Große Planeten

1918

Mittlere Zeit Greenwich	Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Jan. 0.0	Mo	+ 2 57.66	28.59	18 40 19.51	4 25.15	−23 7 34.7	4 29.3	71.08	16 17.55
1.0	Di	3 26.25	28.30	18 44 44.66	4 24.86	23 3 5.4	4 57.0	71.04	16 17.55
2.0	Mi	3 54.55	27.98	18 49 9.52	4 24.54	22 58 8.4	5 24.5	71.00	16 17.55
3.0	Do	4 22.53	27.63	18 53 34.06	4 24.19	22 52 43.9	5 51.8	70.95	16 17.54
4.0	Fr	4 50.16	27.25	18 57 58.25	4 23.80	22 46 52.1	6 19.0	70.90	16 17.53
5.0	Sa	5 17.41	26.84	19 2 22.05	4 23.40	22 40 33.1	6 46.0	70.84	16 17.51
6.0	St	+ 5 44.25	26.40	19 6 45.45	4 22.97	−22 33 47.1	7 12.8	70.78	16 17.49
7.0	Mo	6 10.65	25.94	19 11 8.42	4 22.49	22 26 34.3	7 39.4	70.72	16 17.46
8.0	Di	6 36.59	25.45	19 15 30.91	4 22.01	22 18 54.9	8 5.8	70.65	16 17.43
9.0	Mi	7 2.04	24.93	19 19 52.92	4 21.48	22 10 49.1	8 31.9	70.58	16 17.39
10.0	Do	7 26.97	24.38	19 24 14.40	4 20.94	22 2 17.2	8 57.8	70.50	16 17.35
11.0	Fr	7 51.35	23.80	19 28 35.34	4 20.36	21 53 19.4	9 23.4	70.43	16 17.30
12.0	Sa	+ 8 15.15	23.20	19 32 55.70	4 19.76	−21 43 56.0	9 48.7	70.35	16 17.25
13.0	St	8 38.35	22.57	19 37 15.46	4 19.13	21 34 7.3	10 13.7	70.26	16 17.20
14.0	Mo	9 0.92	21.92	19 41 34.59	4 18.47	21 23 53.6	10 38.4	70.17	16 17.15
15.0	Di	9 22.84	21.23	19 45 53.06	4 17.79	21 13 15.2	11 2.8	70.08	16 17.09
16.0	Mi	9 44.07	20.53	19 50 10.85	4 17.09	21 2 12.4	11 26.9	69.99	16 17.03
17.0	Do	10 4.60	19.81	19 54 27.94	4 16.37	20 50 45.5	11 50.5	69.90	16 16.96
18.0	Fr	+10 24.41	19.08	19 58 44.31	4 15.63	−20 38 55.0	12 13.9	69.80	16 16.89
19.0	Sa	10 43.49	18.32	20 2 59.94	4 14.88	20 26 41.1	12 37.0	69.70	16 16.81
20.0	St	11 1.81	17.55	20 7 14.82	4 14.11	20 14 4.1	12 59.7	69.60	16 16.73
21.0	Mo	11 19.36	16.78	20 11 28.93	4 13.33	20 1 4.4	13 22.0	69.50	16 16.65
22.0	Di	11 36.14	15.99	20 15 42.26	4 12.55	19 47 42.4	13 44.0	69.39	16 16.56
23.0	Mi	11 52.13	15.20	20 19 54.81	4 11.76	19 33 58.4	14 5.7	69.29	16 16.46
24.0	Do	+12 7.33	14.40	20 24 6.57	4 10.96	−19 19 52.7	14 27.0	69.18	16 16.36
25.0	Fr	12 21.73	13.60	20 28 17.53	4 10.15	19 5 25.7	14 47.9	69.07	16 16.25
26.0	Sa	12 35.33	12.80	20 32 27.68	4 9.35	18 50 37.8	15 8.6	68.96	16 16.14
27.0	St	12 48.13	11.99	20 36 37.03	4 8.55	18 35 29.2	15 28.7	68.85	16 16.02
28.0	Mo	13 0.12	11.18	20 40 45.58	4 7.74	18 20 0.5	15 48.6	68.73	16 15.89
29.0	Di	13 11.30	10.37	20 44 53.32	4 6.92	18 4 11.9	16 8.1	68.62	16 15.76
30.0	Mi	+13 21.67	9.56	20 49 0.24	4 6.12	−17 48 3.8	16 27.2	68.51	16 15.62
31.0	Do	13 31.23	8.75	20 53 6.36	4 5.31	17 31 36.6	16 45.8	68.39	16 15.48
Febr. 1.0	Fr	13 39.98	7.95	20 57 11.67	4 4.51	17 14 50.8	17 4.2	68.28	16 15.34
2.0	Sa	13 47.93	7.15	21 1 16.18	4 3.70	16 57 46.6	17 22.1	68.16	16 15.18
3.0	St	13 55.08	6.34	21 5 19.88	4 2.90	16 40 24.5	17 39.6	68.04	16 15.03
4.0	Mo	14 1.42	5.55	21 9 22.78	4 2.10	16 22 44.9	17 56.8	67.93	16 14.87
5.0	Di	+14 6.97	4.75	21 13 24.88	4 1.31	−16 4 48.1	18 13.4	67.81	16 14.70
6.0	Mi	14 11.72	3.96	21 17 26.19	4 0.51	15 46 34.7	18 29.7	67.70	16 14.53
7.0	Do	14 15.68	3.17	21 21 26.70	3 59.73	15 28 5.0	18 45.6	67.59	16 14.36
8.0	Fr	14 18.85	2.39	21 25 26.43	3 58.95	15 9 19.4	19 1.0	67.47	16 14.19
9.0	Sa	14 21.24	1.61	21 29 25.38	3 58.16	14 50 18.4	19 16.0	67.36	16 14.01
10.0	St	14 22.85		21 33 23.54		14 31 2.4		67.25	16 13.83

Tag	Julian. Tag	Sternzeit	Länge		Breite	log R		Untergang in +50° Breite	Aufgang 0h Länge
	2421								
Jan. 0	594	18h 37m 21s.86	279° 15′ 52″.7	61′ 8″.4	−0″.61	9.9926670	$\underline{19}$	4h 7m	19h 59m
1	595	18 41 18.41	280 17 1.1	61 8.6	−0.69	9.9926651	8	4 8	19 59
2	596	18 45 14.97	281 18 9.7	61 8.8	−0.75	9.9926659	33	4 9	19 59
3	597	18 49 11.53	282 19 18.5	61 9.1	−0.78	9.9926692	57	4 10	19 58
4	598	18 53 8.09	283 20 27.6	61 9.3	−0.77	9.9926749	81	4 11	19 58
5	599	18 57 4.65	284 21 36.9	61 9.4	−0.75	9.9926830	104	4 13	19 58
6	600	19 1 1.20	285 22 46.3	61 9.5	−0.70	9.9926934	126	4 14	19 58
7	601	19 4 57.76	286 23 55.8	61 9.6	−0.63	9.9927060	146	4 15	19 57
8	602	19 8 54.32	287 25 5.4	61 9.6	−0.54	9.9927206	165	4 16	19 57
9	603	19 12 50.88	288 26 15.0	61 9.6	−0.41	9.9927371	183	4 17	19 56
10	604	19 16 47.44	289 27 24.6	61 9.4	−0.27	9.9927554	200	4 19	19 56
11	605	19 20 43.99	290 28 34.0	61 9.2	−0.13	9.9927754	216	4 20	19 55
12	606	19 24 40.55	291 29 43.2	61 8.8	+0.01	9.9927970	232	4 21	19 55
13	607	19 28 37.11	292 30 52.0	61 8.4	+0.14	9.9928202	247	4 23	19 54
14	608	19 32 33.67	293 32 0.4	61 7.8	+0.26	9.9928449	263	4 24	19 53
15	609	19 36 30.22	294 33 8.2	61 7.1	+0.36	9.9928712	280	4 26	19 53
16	610	19 40 26.78	295 34 15.3	61 6.4	+0.43	9.9928992	296	4 27	19 52
17	611	19 44 23.34	296 35 21.7	61 5.5	+0.47	9.9929288	316	4 29	19 51
18	612	19 48 19.90	297 36 27.2	61 4.6	+0.47	9.9929604	335	4 30	19 50
19	613	19 52 16.45	298 37 31.8	61 3.7	+0.43	9.9929939	357	4 32	19 49
20	614	19 56 13.01	299 38 35.5	61 2.7	+0.37	9.9930296	379	4 33	19 48
21	615	20 0 9.57	300 39 38.2	61 1.7	+0.28	9.9930675	403	4 35	19 47
22	616	20 4 6.12	301 40 39.9	61 0.7	+0.17	9.9931078	428	4 36	19 46
23	617	20 8 2.68	302 41 40.6	60 59.7	+0.05	9.9931506	453	4 38	19 45
24	618	20 11 59.24	303 42 40.3	60 58.8	−0.08	9.9931959	479	4 40	19 44
25	619	20 15 55.79	304 43 39.1	60 57.9	−0.20	9.9932438	505	4 41	19 43
26	620	20 19 52.35	305 44 37.0	60 56.9	−0.31	9.9932943	531	4 43	19 42
27	621	20 23 48.91	306 45 33.9	60 56.1	−0.42	9.9933474	557	4 45	19 40
28	622	20 27 45.46	307 46 30.0	60 55.2	−0.51	9.9934031	582	4 46	19 39
29	623	20 31 42.02	308 47 25.2	60 54.3	−0.57	9.9934613	606	4 48	19 38
30	624	20 35 38.58	309 48 19.5	60 53.4	−0.61	9.9935219	631	4 50	19 36
31	625	20 39 35.13	310 49 12.9	60 52.6	−0.62	9.9935850	654	4 51	19 35
Febr. 1	626	20 43 31.69	311 50 5.5	60 51.7	−0.60	9.9936504	676	4 53	19 33
2	627	20 47 28.24	312 50 57.2	60 50.9	−0.56	9.9937180	696	4 55	19 32
3	628	20 51 24.80	313 51 48.1	60 50.0	−0.50	9.9937876	717	4 56	19 30
4	629	20 55 21.36	314 52 38.1	60 49.1	−0.41	9.9938593	735	4 58	19 29
5	630	20 59 17.91	315 53 27.2	60 48.2	−0.30	9.9939328	752	5 0	19 27
6	631	21 3 14.47	316 54 15.4	60 47.3	−0.17	9.9940080	767	5 2	19 26
7	632	21 7 11.02	317 55 2.7	60 46.2	−0.04	9.9940847	781	5 3	19 24
8	633	21 11 7.58	318 55 48.9	60 45.1	+0.09	9.9941628	794	5 5	19 23
9	634	21 15 4.13	319 56 34.0	60 43.9	+0.23	9.9942422	805	5 7	19 21
10	635	21 19 0.69	320 57 17.9		+0.35	9.9943227		5 8	19 19

Table heading: 0h mittlere Zeit Greenwich — Mittleres Äquinoktium 1918.0

1*

Mittlere Zeit Greenwich	Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Febr. 10.0	St	+14 22.85	0.83	21 33 23.54	3 57.39	−14 31 2.4	19 30.5	67.25	16 13.83
11.0	Mo	14 23.68	0.06	21 37 20.93	3 56.61	14 11 31.9	19 44.6	67.14	16 13.65
12.0	Di	14 23.74	0.71	21 41 17.54	3 55.84	13 51 47.3	19 58.3	67.03	16 13.46
13.0	Mi	14 23.03	1.48	21 45 13.38	3 55.08	13 31 49.0	20 11.4	66.92	16 13.27
14.0	Do	14 21.55	2.23	21 49 8.46	3 54.32	13 11 37.6	20 24.2	66.81	16 13.08
15.0	Fr	14 19.32	2.99	21 53 2.78	3 53.57	12 51 13.4	20 36.5	66.71	16 12.89
16.0	Sa	+14 16.33	3.72	21 56 56.35	3 52.83	−12 30 36.9	20 48.4	66.60	16 12.70
17.0	St	14 12.61	4.45	22 0 49.18	3 52.10	12 9 48.5	20 59.9	66.50	16 12.50
18.0	Mo	14 8.16	5.16	22 4 41.28	3 51.39	11 48 48.6	21 11.0	66.40	16 12.30
19.0	Di	14 3.00	5.86	22 8 32.67	3 50.70	11 27 37.6	21 21.7	66.30	16 12.10
20.0	Mi	13 57.14	6.54	22 12 23.37	3 50.01	11 6 15.9	21 31.9	66.20	16 11.89
21.0	Do	13 50.60	7.21	22 16 13.38	3 49.35	10 44 44.0	21 41.9	66.11	16 11.68
22.0	Fr	+13 43.39	7.85	22 20 2.73	3 48.70	−10 23 2.1	21 51.3	66.02	16 11.46
23.0	Sa	13 35.54	8.48	22 23 51.43	3 48.07	10 1 10.8	22 0.4	65.93	16 11.24
24.0	St	13 27.06	9.10	22 27 39.50	3 47.46	9 39 10.4	22 9.2	65.84	16 11.02
25.0	Mo	13 17.96	9.68	22 31 26.96	3 46.88	9 17 1.2	22 17.6	65.75	16 10.79
26.0	Di	13 8.28	10.24	22 35 13.84	3 46.30	8 54 43.6	22 25.5	65.67	16 10.56
27.0	Mi	12 58.04	10.80	22 39 0.14	3 45.76	8 32 18.1	22 33.0	65.58	16 10.33
28.0	Do	+12 47.24	11.33	22 42 45.90	3 45.22	− 8 9 45.1	22 40.3	65.50	16 10.09
März 1.0	Fr	12 35.91	11.84	22 46 31.12	3 44.72	7 47 4.8	22 47.1	65.43	16 9.84
2.0	Sa	12 24.07	12.32	22 50 15.84	3 44.23	7 24 17.7	22 53.5	65.35	16 9.60
3.0	St	12 11.75	12.79	22 54 0.07	3 43.76	7 1 24.2	22 59.6	65.28	16 9.35
4.0	Mo	11 58.96	13.24	22 57 43.83	3 43.32	6 38 24.6	23 5.3	65.21	16 9.10
5.0	Di	11 45.72	13.66	23 1 27.15	3 42.89	6 15 19.3	23 10.5	65.14	16 8.84
6.0	Mi	+11 32.06	14.07	23 5 10.04	3 42.48	− 5 52 8.8	23 15.5	65.08	16 8.59
7.0	Do	11 17.99	14.46	23 8 52.52	3 42.10	5 28 53.3	23 19.9	65.02	16 8.33
8.0	Fr	11 3.53	14.83	23 12 34.62	3 41.72	5 5 33.4	23 24.0	64.96	16 8.07
9.0	Sa	10 48.70	15.18	23 16 16.34	3 41.38	4 42 9.4	23 27.8	64.90	16 7.81
10.0	St	10 33.52	15.51	23 19 57.72	3 41.04	4 18 41.6	23 31.0	64.85	16 7.55
11.0	Mo	10 18.01	15.83	23 23 38.76	3 40.72	3 55 10.6	23 34.0	64.80	16 7.28
12.0	Di	+10 2.18	16.13	23 27 19.48	3 40.42	− 3 31 36.6	23 36.4	64.76	16 7.02
13.0	Mi	9 46.05	16.42	23 30 59.90	3 40.13	3 8 0.2	23 38.4	64.71	16 6.76
14.0	Do	9 29.63	16.70	23 34 40.03	3 39.85	2 44 21.8	23 40.2	64.67	16 6.50
15.0	Fr	9 12.93	16.96	23 38 19.88	3 39.60	2 20 41.6	23 41.4	64.63	16 6.24
16.0	Sa	8 55.97	17.19	23 41 59.48	3 39.36	1 57 0.2	23 42.2	64.60	16 5.97
17.0	St	8 38.78	17.41	23 45 38.84	3 39.14	1 33 18.0	23 42.8	64.57	16 5.71
18.0	Mo	+ 8 21.37	17.61	23 49 17.98	3 38.94	− 1 9 35.2	23 42.9	64.54	16 5.45
19.0	Di	8 3.76	17.80	23 52 56.92	3 38.76	0 45 52.3	23 42.7	64.51	16 5.18
20.0	Mi	7 45.96	17.96	23 56 35.68	3 38.60	− 0 22 9.6	23 42.2	64.49	16 4.92
21.0	Do	7 28.00	18.09	0 0 14.28	3 38.46	+ 0 1 32.6	23 41.2	64.47	16 4.65
22.0	Fr	7 9.91	18.21	0 3 52.74	3 38.34	0 25 13.8	23 39.9	64.45	16 4.38
23.0	Sa	6 51.70		0 7 31.08		0 48 53.7		64.44	16 4.11

Tag	Julian. Tag	Sternzeit	0h mittlere Zeit Greenwich — Mittleres Äquinoktium 1918.0 Länge		Breite	log R		Unter-gang in +50° Breite	Auf-gang 0h Länge
	2421	h m s	° ′ ″	′ ″	″			h m	h m
Febr. 10	635	21 19 0.69	320 57 17.9	60 42.6	+0.35	9.9943227	815	5 8	19 19
11	636	21 22 57.24	321 58 0.5	60 41.3	+0.45	9.9944042	826	5 10	19 17
12	637	21 26 53.80	322 58 41.8	60 39.8	+0.52	9.9944868	835	5 12	19 16
13	638	21 30 50.35	323 59 21.6	60 38.2	+0.56	9.9945703	845	5 14	19 14
14	639	21 34 46.91	324 59 59.8	60 36.5	+0.56	9.9946548	856	5 15	19 12
15	640	21 38 43.46	326 0 36.3	60 34.7	+0.53	9.9947404	868	5 17	19 10
16	641	21 42 40.02	327 1 11.0	60 33.0	+0.47	9.9948272	881	5 19	19 9
17	642	21 46 36.57	328 1 44.0	60 31.1	+0.39	9.9949153	895	5 21	19 7
18	643	21 50 33.12	329 2 15.1	60 29.2	+0.28	9.9950048	911	5 22	19 5
19	644	21 54 29.68	330 2 44.3	60 27.3	+0.15	9.9950959	927	5 24	19 3
20	645	21 58 26.23	331 3 11.6	60 25.5	+0.01	9.9951886	945	5 26	19 1
21	646	22 2 22.79	332 3 37.1	60 23.7	−0.12	9.9952831	962	5 27	18 59
22	647	22 6 19.34	333 4 0.8	60 21.9	−0.24	9.9953793	979	5 29	18 57
23	648	22 10 15.89	334 4 22.7	60 20.1	−0.34	9.9954772	998	5 31	18 55
24	649	22 14 12.45	335 4 42.8	60 18.3	−0.43	9.9955770	1017	5 33	18 53
25	650	22 18 9.00	336 5 1.1	60 16.6	−0.51	9.9956787	1034	5 34	18 51
26	651	22 22 5.55	337 5 17.7	60 14.9	−0.56	9.9957821	1051	5 36	18 49
27	652	22 26 2.11	338 5 32.6	60 13.2	−0.58	9.9958872	1069	5 38	18 47
28	653	22 29 58.66	339 5 45.8	60 11.5	−0.57	9.9959941	1084	5 39	18 45
März 1	654	22 33 55.21	340 5 57.3	60 10.0	−0.54	9.9961025	1100	5 41	18 43
2	655	22 37 51.77	341 6 7.3	60 8.4	−0.48	9.9962125	1115	5 43	18 41
3	656	22 41 48.32	342 6 15.7	60 6.7	−0.41	9.9963240	1128	5 44	18 39
4	657	22 45 44.87	343 6 22.4	60 5.2	−0.31	9.9964368	1140	5 46	18 37
5	658	22 49 41.43	344 6 27.6	60 3.6	−0.20	9.9965508	1150	5 47	18 35
6	659	22 53 37.98	345 6 31.2	60 2.1	−0.08	9.9966658	1159	5 49	18 33
7	660	22 57 34.53	346 6 33.3	60 0.4	+0.05	9.9967817	1166	5 51	18 31
8	661	23 1 31.09	347 6 33.7	59 58.8	+0.17	9.9968983	1172	5 52	18 29
9	662	23 5 27.64	348 6 32.5	59 57.1	+0.28	9.9970155	1175	5 54	18 26
10	663	23 9 24.19	349 6 29.6	59 55.4	+0.38	9.9971330	1178	5 56	18 24
11	664	23 13 20.74	350 6 25.0	59 53.6	+0.44	9.9972508	1178	5 57	18 22
12	665	23 17 17.30	351 6 18.6	59 51.6	+0.48	9.9973686	1179	5 59	18 20
13	666	23 21 13.85	352 6 10.2	59 49.6	+0.48	9.9974865	1178	6 0	18 18
14	667	23 25 10.40	353 5 59.8	59 47.6	+0.45	9.9976043	1179	6 2	18 16
15	668	23 29 6.96	354 5 47.4	59 45.4	+0.40	9.9977222	1180	6 4	18 14
16	669	23 33 3.51	355 5 32.8	59 43.1	+0.31	9.9978402	1182	6 5	18 11
17	670	23 37 0.06	356 5 15.9	59 40.8	+0.19	9.9979584	1184	6 7	18 9
18	671	23 40 56.61	357 4 56.7	59 38.6	+0.06	9.9980768	1188	6 8	18 7
19	672	23 44 53.17	358 4 35.3	59 36.2	−0.07	9.9981956	1192	6 10	18 5
20	673	23 48 49.72	359 4 11.5	59 34.0	−0.20	9.9983148	1198	6 12	18 3
21	674	23 52 46.27	0 3 45.5	59 31.7	−0.33	9.9984346	1205	6 13	18 0
22	675	23 56 42.83	1 3 17.2	59 29.5	−0.45	9.9985551	1211	6 15	17 58
23	676	0 0 39.38	2 2 46.7		−0.54	9.9986762		6 16	17 56

Mittlere Zeit Greenwich	Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
März 23.0	Sa	+6 51.70	18.30	0 7 31.08	3 38.25	+ 0 48 53.7	23 38.4	64.44	16 4.11
24.0	St	6 33.40	18.37	0 11 9.33	3 38.18	1 12 32.1	23 36.4	64.43	16 3.84
25.0	Mo	6 15.03	18.42	0 14 47.51	3 38.14	1 36 8.5	23 34.1	64.42	16 3.57
26.0	Di	5 56.61	18.44	0 18 25.65	3 38.10	1 59 42.6	23 31.5	64.42	16 3.30
27.0	Mi	5 38.17	18.45	0 22 3.75	3 38.11	2 23 14.1	23 28.6	64.42	16 3.02
28.0	Do	5 19.72	18.43	0 25 41.86	3 38.13	2 46 42.7	23 25.3	64.42	16 2.75
29.0	Fr	+5 1.29	18.38	0 29 19.99	3 38.17	+ 3 10 8.0	23 21.7	64.43	16 2.47
30.0	Sa	4 42.91	18.31	0 32 58.16	3 38.24	3 33 29.7	23 17.8	64.43	16 2.19
31.0	St	4 24.60	18.23	0 36 36.40	3 38.33	3 56 47.5	23 13.4	64.44	16 1.91
April 1.0	Mo	4 6.37	18.11	0 40 14.73	3 38.44	4 20 0.9	23 8.8	64.45	16 1.63
2.0	Di	3 48.26	17.98	0 43 53.17	3 38.57	4 43 9.7	23 3.9	64.47	16 1.35
3.0	Mi	3 30.28	17.83	0 47 31.74	3 38.72	5 6 13.6	22 58.5	64.49	16 1.07
4.0	Do	+3 12.45	17.65	0 51 10.46	3 38.90	+ 5 29 12.1	22 52.9	64.51	16 0.78
5.0	Fr	2 54.80	17.46	0 54 49.36	3 39.09	5 52 5.0	22 47.0	64.53	16 0.50
6.0	Sa	2 37.34	17.26	0 58 28.45	3 39.30	6 14 52.0	22 40.5	64.56	16 0.22
7.0	St	2 20.08	17.02	1 2 7.75	3 39.53	6 37 32.5	22 33.8	64.59	15 59.94
8.0	Mo	2 3.06	16.78	1 5 47.28	3 39.77	7 0 6.3	22 26.7	64.62	15 59.66
9.0	Di	1 46.28	16.53	1 9 27.05	3 40.03	7 22 33.0	22 19.3	64.66	15 59.39
10.0	Mi	+1 29.75	16.26	1 13 7.08	3 40.29	+ 7 44 52.3	22 11.4	64.70	15 59.11
11.0	Do	1 13.49	15.98	1 16 47.37	3 40.57	8 7 3.7	22 3.3	64.74	15 58.84
12.0	Fr	0 57.51	15.69	1 20 27.94	3 40.87	8 29 7.0	21 54.7	64.78	15 58.57
13.0	Sa	0 41.82	15.39	1 24 8.81	3 41.16	8 51 1.7	21 45.7	64.82	15 58.30
14.0	St	0 26.43	15.07	1 27 49.97	3 41.48	9 12 47.4	21 36.5	64.87	15 58.04
15.0	Mo	+0 11.36	14.75	1 31 31.45	3 41.81	9 34 23.9	21 26.9	64.92	15 57.78
16.0	Di	—0 3.39	14.40	1 35 13.26	3 42.15	+ 9 55 50.8	21 17.0	64.97	15 57.52
17.0	Mi	0 17.79	14.04	1 38 55.41	3 42.51	10 17 7.8	21 6.7	65.03	15 57.26
18.0	Do	0 31.83	13.68	1 42 37.92	3 42.88	10 38 14.5	20 56.1	65.08	15 57.00
19.0	Fr	0 45.51	13.29	1 46 20.80	3 43.27	10 59 10.6	20 45.2	65.14	15 56.74
20.0	Sa	0 58.80	12.88	1 50 4.07	3 43.67	11 19 55.8	20 34.0	65.20	15 56.49
21.0	St	1 11.68	12.47	1 53 47.74	3 44.08	11 40 29.8	20 22.4	65.26	15 56.23
22.0	Mo	—1 24.15	12.04	1 57 31.82	3 44.52	+12 0 52.2	20 10.5	65.33	15 55.98
23.0	Di	1 36.19	11.59	2 1 16.34	3 44.96	12 21 2.7	19 58.4	65.39	15 55.73
24.0	Mi	1 47.78	11.13	2 5 1.30	3 45.42	12 41 1.1	19 45.9	65.46	15 55.48
25.0	Do	1 58.91	10.66	2 8 46.72	3 45.90	13 0 47.0	19 33.1	65.53	15 55.23
26.0	Fr	2 9.57	10.17	2 12 32.62	3 46.38	13 20 20.1	19 20.0	65.60	15 54.98
27.0	Sa	2 19.74	9.67	2 16 19.00	3 46.89	13 39 40.1	19 6.6	65.67	15 54.73
28.0	St	—2 29.41	9.15	2 20 5.89	3 47.40	+13 58 46.7	18 52.8	65.74	15 54.48
29.0	Mo	2 38.56	8.63	2 23 53.29	3 47.93	14 17 39.5	18 38.8	65.82	15 54.23
30.0	Di	2 47.19	8.08	2 27 41.22	3 48.47	14 36 18.3	18 24.4	65.90	15 53.99
Mai 1.0	Mi	2 55.27	7.53	2 31 29.69	3 49.02	14 54 42.7	18 9.8	65.97	15 53.74
2.0	Do	3 2.80	6.98	2 35 18.71	3 49.58	15 12 52.5	17 54.8	66.05	15 53.50
3.0	Fr	3 9.78		2 39 8.29		15 30 47.3		66.13	15 53.26

Tag	Julian. Tag	Sternzeit	Mittleres Äquinoktium 1918.0 Länge		Breite	log R		Untergang +50° Breite	Aufgang in 0h Länge
	2421	h m s	° ′ ″	′ ″	″			h m	h m
März 23	676	0 0 39.38	2 2 46.7	59 27.3	—0.54	9.9986762	1218	6 16	17 56
24	677	0 4 35.93	3 2 14.0	59 25.1	—0.61	9.9987980	1225	6 18	17 54
25	678	0 8 32.48	4 1 39.1	59 22.9	—0.66	9.9989205	1232	6 20	17 52
26	679	0 12 29.04	5 1 2.0	59 20.8	—0.68	9.9990437	1240	6 21	17 50
27	680	0 16 25.59	6 0 22.8	59 18.7	—0.69	9.9991677	1247	6 23	17 47
28	681	0 20 22.14	6 59 41.5	59 16.8	—0.66	9.9992924	1253	6 24	17 45
29	682	0 24 18.69	7 58 58.3	59 14.8	— 0.61	9.9994177	1259	6 26	17 43
30	683	0 28 15.25	8 58 13.1	59 13.0	—0.53	9.9995436	1265	6 27	17 41
31	684	0 32 11.80	9 57 26.1	59 11.1	—0.43	9.9996701	1270	6 29	17 39
April 1	685	0 36 8.35	10 56 37.2	59 9.2	—0.33	9.9997971	1272	6 31	17 37
2	686	0 40 4.91	11 55 46.4	59 7.4	—0.21	9.9999243	1275	6 32	17 34
3	687	0 44 1.46	12 54 53.8	59 5.7	—0.09	0.0000518	1275	6 34	17 32
4	688	0 47 58.01	13 53 59.5	59 4.0	+0.04	0.0001793	1274	6 35	17 30
5	689	0 51 54.56	14 53 3.5	59 2.3	+0.15	0.0003067	1271	6 37	17 28
6	690	0 55 51.12	15 52 5.8	59 0.5	+0.24	0.0004338	1266	6 38	17 26
7	691	0 59 47.67	16 51 6.3	58 58.8	+0.31	0.0005604	1260	6 40	17 24
8	692	1 3 44.22	17 50 5.1	58 56.9	+0.35	0.0006864	1251	6 42	17 22
9	693	1 7 40.78	18 49 2.0	58 55.1	+0.35	0.0008115	1242	6 43	17 19
10	694	1 11 37.33	19 47 57.1	58 53.1	+0.33	0.0009357	1232	6 45	17 17
11	695	1 15 33.88	20 46 50.2	58 51.1	+0.28	0.0010589	1221	6 46	17 15
12	696	1 19 30.44	21 45 41.3	58 49.0	+0.20	0.0011810	1210	6 48	17 13
13	697	1 23 26.99	22 44 30.3	58 46.9	+0.09	0.0013020	1201	6 49	17 11
14	698	1 27 23.54	23 43 17.2	58 44.7	—0.04	0.0014221	1191	6 51	17 9
15	699	1 31 20.10	24 42 1.9	58 42.4	—0.17	0.0015412	1182	6 52	17 7
16	700	1 35 16.65	25 40 44.3	58 40.2	—0.30	0.0016594	1175	6 54	17 5
17	701	1 39 13.20	26 39 24.5	58 38.0	—0.44	0.0017769	1169	6 56	17 3
18	702	1 43 9.76	27 38 2.5	58 35.7	—0.56	0.0018938	1163	6 57	17 1
19	703	1 47 6.31	28 36 38.2	58 33.6	—0.66	0.0020101	1158	6 59	16 59
20	704	1 51 2.86	29 35 11.8	58 31.5	—0.75	0.0021259	1153	7 0	16 57
21	705	1 54 59.42	30 33 43.3	58 29.3	—0.80	0.0022412	1149	7 2	16 55
22	706	1 58 55.97	31 32 12.6	58 27.3	—0.83	0.0023561	1146	7 3	16 53
23	707	2 2 52.53	32 30 39.9	58 25.3	—0.83	0.0024707	1143	7 5	16 51
24	708	2 6 49.08	33 29 5.2	58 23.3	—0.81	0.0025850	1139	7 6	16 49
25	709	2 10 45.63	34 27 28.5	58 21.5	—0.75	0.0026989	1136	7 8	16 47
26	710	2 14 42.19	35 25 50.0	58 19.7	—0.67	0.0028125	1133	7 10	16 45
27	711	2 18 38.74	36 24 9.7	58 17.9	—0.57	0.0029258	1129	7 11	16 43
28	712	2 22 35.30	37 22 27.6	58 16.2	—0.47	0.0030387	1124	7 13	16 42
29	713	2 26 31.85	38 20 43.8	58 14.6	—0.35	0.0031511	1120	7 14	16 40
30	714	2 30 28.41	39 18 58.4	58 13.0	—0.22	0.0032631	1114	7 16	16 38
Mai 1	715	2 34 24.96	40 17 11.4	58 11.5	—0.09	0.0033745	1106	7 17	16 36
2	716	2 38 21.52	41 15 22.9	58 10.1	+0.03	0.0034851	1098	7 19	16 34
3	717	2 42 18.07	42 13 33.0		+0.13	0.0035949		7 20	16 32

Oh mittlere Zeit Greenwich

Mittlere Zeit Greenwich		Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Mai	3.0	Fr	−3 9.78	6.41	2 39 8.29	3 50.15	+15 30 47.3	17 39.4	66.13	15 53.26
	4.0	Sa	3 16.19	5.83	2 42 58.44	3 50.72	15 48 26.7	17 23.9	66.21	15 53.02
	5.0	St	3 22.02	5.25	2 46 49.16	3 51.31	16 5 50.6	17 7.9	66.29	15 52.78
	6.0	Mo	3 27.27	4.67	2 50 40.47	3 51.88	16 22 58.5	16 51.6	66.37	15 52.55
	7.0	Di	3 31.94	4.09	2 54 32.35	3 52.47	16 39 50.1	16 35.0	66.45	15 52.32
	8.0	Mi	3 36.03	3.50	2 58 24.82	3 53.05	16 56 25.1	16 18.1	66.53	15 52.09
	9.0	Do	−3 39.53	2.93	3 2 17.87	3 53.63	+17 12 43.2	16 0.9	66.61	15 51.87
	10.0	Fr	3 42.46	2.35	3 6 11.50	3 54.20	17 28 44.1	15 43.4	66.70	15 51.66
	11.0	Sa	3 44.81	1.78	3 10 5.70	3 54.77	17 44 27.5	15 25.5	66.78	15 51.44
	12.0	St	3 46.59	1.22	3 14 0.47	3 55.34	17 59 53.0	15 7.3	66.86	15 51.23
	13.0	Mo	3 47.81	0.66	3 17 55.81	3 55.90	18 15 0.3	14 48.9	66.94	15 51.03
	14.0	Di	3 48.47	0.10	3 21 51.71	3 56.46	18 29 49.2	14 30.2	67.02	15 50.83
	15.0	Mi	−3 48.57	0.46	3 25 48.17	3 57.01	+18 44 19.4	14 11.1	67.11	15 50.63
	16.0	Do	3 48.11	1.01	3 29 45.18	3 57.56	18 58 30.5	13 51.9	67.19	15 50.44
	17.0	Fr	3 47.10	1.55	3 33 42.74	3 58.11	19 12 22.4	13 32.3	67.27	15 50.25
	18.0	Sa	3 45.55	2.09	3 37 40.85	3 58.65	19 25 54.7	13 12.6	67.35	15 50.06
	19.0	St	3 43.46	2.62	3 41 39.50	3 59.18	19 39 7.3	12 52.5	67.43	15 49.88
	20.0	Mo	3 40.84	3.16	3 45 38.68	3 59.71	19 51 59.8	12 32.1	67.51	15 49.70
	21.0	Di	−3 37.68	3.68	3 49 38.39	4 0.24	+20 4 31.9	12 11.6	67.58	15 49.53
	22.0	Mi	3 34.00	4.20	3 53 38.63	4 0.76	20 16 43.5	11 50.8	67.66	15 49.35
	23.0	Do	3 29.80	4.72	3 57 39.39	4 1.28	20 28 34.3	11 29.8	67.73	15 49.18
	24.0	Fr	3 25.08	5.23	4 1 40.67	4 1.78	20 40 4.1	11 8.6	67.81	15 49.01
	25.0	Sa	3 19.85	5.72	4 5 42.45	4 2.28	20 51 12.7	10 47.1	67.88	15 48.84
	26.0	St	3 14.13	6.22	4 9 44.73	4 2.78	21 1 59.8	10 25.3	67.95	15 48.68
	27.0	Mo	−3 7.91	6.71	4 13 47.51	4 3.26	+21 12 25.1	10 3.5	68.02	15 48.52
	28.0	Di	3 1.20	7.18	4 17 50.77	4 3.74	21 22 28.6	9 41.3	68.09	15 48.36
	29.0	Mi	2 54.02	7.66	4 21 54.51	4 4.21	21 32 9.9	9 19.0	68.15	15 48.20
	30.0	Do	2 46.36	8.11	4 25 58.72	4 4.67	21 41 28.9	8 56.5	68.21	15 48.04
	31.0	Fr	2 38.25	8.56	4 30 3.39	4 5.12	21 50 25.4	8 33.7	68.27	15 47.89
Juni	1.0	Sa	2 29.69	8.99	4 34 8.51	4 5.55	21 58 59.1	8 10.8	68.33	15 47.75
	2.0	St	−2 20.70	9.40	4 38 14.06	4 5.96	+22 7 9.9	7 47.7	68.39	15 47.60
	3.0	Mo	2 11.30	9.81	4 42 20.02	4 6.36	22 14 57.6	7 24.4	68.44	15 47.46
	4.0	Di	2 1.49	10.18	4 46 26.38	4 6.74	22 22 22.0	7 0.9	68.49	15 47.32
	5.0	Mi	1 51.31	10.54	4 50 33.12	4 7.10	22 29 22.9	6 37.3	68.54	15 47.19
	6.0	Do	1 40.77	10.88	4 54 40.22	4 7.43	22 36 0.2	6 13.6	68.59	15 47.07
	7.0	Fr	1 29.89	11.18	4 58 47.65	4 7.74	22 42 13.8	5 49.7	68.63	15 46.95
	8.0	Sa	−1 18.71	11.47	5 2 55.39	4 8.03	+22 48 3.5	5 25.7	68.67	15 46.83
	9.0	St	1 7.24	11.73	5 7 3.42	4 8.28	22 53 29.2	5 1.5	68.71	15 46.72
	10.0	Mo	0 55.51	11.96	5 11 11.70	4 8.52	22 58 30.7	4 37.2	68.74	15 46.62
	11.0	Di	0 43.55	12.17	5 15 20.22	4 8.73	23 3 7.9	4 12.9	68.77	15 46.52
	12.0	Mi	0 31.38	12.36	5 19 28.95	4 8.91	23 7 20.8	3 48.5	68.80	15 46.42
	13.0	Do	0 19.02		5 23 37.86		23 11 9.3		68.83	15 46.33

0ʰ mittlere Zeit Greenwich									Untergang	Aufgang
Tag		Julian. Tag	Sternzeit	Mittleres Äquinoktium 1918.0 Länge		Breite	log *R*		in +50° Breite 0ʰ Länge	
		2421	h m s	° ′ ″	′ ″	″			h m	h m
Mai	3	717	2 42 18.07	42 13 33.0	58 8.7	+0.13	0.0035949	1088	7 20	16 32
	4	718	2 46 14.63	43 11 41.7	58 7.3	+0.21	0.0037037	1075	7 22	16 31
	5	719	2 50 11.18	44 9 49.0	58 6.0	+0.25	0.0038112	1062	7 24	16 29
	6	720	2 54 7.74	45 7 55.0	58 4.5	+0.27	0.0039174	1046	7 25	16 27
	7	721	2 58 4.29	46 5 59.5	58 3.1	+0.26	0.0040220	1029	7 27	16 26
	8	722	3 2 0.85	47 4 2.6	58 1.7	+0.21	0.0041249	1010	7 28	16 24
	9	723	3 5 57.40	48 2 4.3	58 0.2	+0.12	0.0042259	992	7 30	16 23
	10	724	3 9 53.96	49 0 4.5	57 58.6	+0.01	0.0043251	972	7 31	16 21
	11	725	3 13 50.51	49 58 3.1	57 57.0	−0.11	0.0044223	952	7 32	16 20
	12	726	3 17 47.07	50 56 0.1	57 55.3	−0.25	0.0045175	933	7 34	16 18
	13	727	3 21 43.63	51 53 55.4	57 53.6	−0.40	0.0046108	915	7 35	16 17
	14	728	3 25 40.18	52 51 49.0	57 52.0	−0.53	0.0047023	897	7 37	16 15
	15	729	3 29 36.74	53 49 41.0	57 50.2	−0.65	0.0047920	880	7 38	16 14
	16	730	3 33 33.29	54 47 31.2	57 48.5	−0.76	0.0048800	865	7 40	16 12
	17	731	3 37 29.85	55 45 19.7	57 46.8	−0.84	0.0049665	850	7 41	16 11
	18	732	3 41 26.40	56 43 6.5	57 45.2	−0.90	0.0050515	835	7 42	16 10
	19	733	3 45 22.96	57 40 51.7	57 43.6	−0.93	0.0051350	823	7 44	16 8
	20	734	3 49 19.52	58 38 35.3	57 42.0	−0.94	0.0052173	809	7 45	16 7
	21	735	3 53 16.07	59 36 17.3	57 40.5	−0.92	0.0052982	798	7 46	16 6
	22	736	3 57 12.63	60 33 57.8	57 39.0	−0.87	0.0053780	785	7 48	16 5
	23	737	4 1 9.19	61 31 36.8	57 37.7	−0.79	0.0054565	775	7 49	16 4
	24	738	4 5 5.74	62 29 14.5	57 36.3	−0.70	0.0055340	764	7 50	16 3
	25	739	4 9 2.30	63 26 50.8	57 35.1	−0.58	0.0056104	753	7 51	16 2
	26	740	4 12 58.86	64 24 25.9	57 33.9	−0.46	0.0056857	743	7 53	16 1
	27	741	4 16 55.41	65 21 59.8	57 32.9	−0.33	0.0057600	731	7 54	16 0
	28	742	4 20 51.97	66 19 32.7	57 31.9	−0.19	0.0058331	719	7 55	15 59
	29	743	4 24 48.53	67 17 4.6	57 31.0	−0.07	0.0059050	707	7 56	15 58
	30	744	4 28 45.09	68 14 35.6	57 30.1	+0.04	0.0059757	693	7 57	15 57
	31	745	4 32 41.64	69 12 5.7	57 29.4	+0.13	0.0060450	678	7 58	15 56
Juni	1	746	4 36 38.20	70 9 35.1	57 28.8	+0.19	0.0061128	661	7 59	15 55
	2	747	4 40 34.76	71 7 3.9	57 28.0	+0.22	0.0061789	643	8 0	15 55
	3	748	4 44 31.31	72 4 31.9	57 27.4	+0.21	0.0062432	623	8 1	15 54
	4	749	4 48 27.87	73 1 59.3	57 26.7	+0.18	0.0063055	602	8 2	15 53
	5	750	4 52 24.43	73 59 26.0	57 26.0	+0.11	0.0063657	578	8 3	15 53
	6	751	4 56 20.99	74 56 52.0	57 25.3	+0.01	0.0064235	555	8 4	15 52
	7	752	5 0 17.54	75 54 17.3	57 24.5	−0.10	0.0064790	530	8 5	15 52
	8	753	5 4 14.10	76 51 41.8	57 23.8	−0.24	0.0065320	505	8 6	15 52
	9	754	5 8 10.66	77 49 5.6	57 23.0	−0.39	0.0065825	480	8 7	15 51
	10	755	5 12 7.22	78 46 28.6	57 22.1	−0.53	0.0066305	456	8 7	15 51
	11	756	5 16 3.77	79 43 50.7	57 21.2	−0.65	0.0066761	431	8 8	15 51
	12	757	5 20 0.33	80 41 11.9	57 20.4	−0.76	0.0067192	408	8 9	15 50
	13	758	5 23 56.89	81 38 32.3		−0.85	0.0067600		8 9	15 50

Mittlere Zeit Greenwich	Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Juni 13.0	Do	−0 19.02	12.51	5 23 37.86	4 9.07	+23 11 9.3	3 24.0	68.83	15 46.33
14.0	Fr	−0 6.51	12.64	5 27 46.93	4 9.21	23 14 33.3	2 59.4	68.85	15 46.25
15.0	Sa	+0 6.13	12.76	5 31 56.14	4 9.32	23 17 32.7	2 34.7	68.87	15 46.17
16.0	St	0 18.89	12.85	5 36 5.46	4 9.40	23 20 7.4	2 10.1	68.89	15 46.10
17.0	Mo	0 31.74	12.91	5 40 14.86	4 9.47	23 22 17.5	1 45.4	68.90	15 46.03
18.0	Di	0 44.65	12.96	5 44 24.33	4 9.51	23 24 2.9	1 20.6	68.91	15 45.96
19.0	Mi	+0 57.61	12.98	5 48 33.84	4 9.54	+23 25 23.5	0 55.9	68.92	15 45.90
20.0	Do	1 10.59	12.97	5 52 43.38	4 9.53	23 26 19.4	0 31.1	68.93	15 45.84
21.0	Fr	1 23.56	12.95	5 56 52.91	4 9.51	23 26 50.5	0 6.3	68.93	15 45.78
22.0	Sa	1 36.51	12.91	6 1 2.42	4 9.47	23 26 56.8	0 18.5	68.92	15 45.73
23.0	St	1 49.42	12.85	6 5 11.89	4 9.40	23 26 38.3	0 43.2	68.92	15 45.68
24.0	Mo	2 2.27	12.77	6 9 21.29	4 9.33	23 25 55.1	1 8.0	68.91	15 45.64
25.0	Di	+2 15.04	12.67	6 13 30.62	4 9.22	+23 24 47.1	1 32.7	68.89	15 45.59
26.0	Mi	2 27.71	12.54	6 17 39.84	4 9.11	23 23 14.4	1 57.4	68.88	15 45.55
27.0	Do	2 40.25	12.41	6 21 48.95	4 8.97	23 21 17.0	2 22.0	68.86	15 45.52
28.0	Fr	2 52.66	12.26	6 25 57.92	4 8.81	23 18 55.0	2 46.7	68.83	15 45.49
29.0	Sa	3 4.92	12.08	6 30 6.73	4 8.63	23 16 8.3	3 11.1	68.81	15 45.46
30.0	St	3 17.00	11.88	6 34 15.36	4 8.44	23 12 57.2	3 35.6	68.78	15 45.43
Juli 1.0	Mo	+3 28.88	11.66	6 38 23.80	4 8.22	+23 9 21.6	4 0.0	68.75	15 45.41
2.0	Di	3 40.54	11.42	6 42 32.02	4 7.98	23 5 21.6	4 24.3	68.71	15 45.39
3.0	Mi	3 51.96	11.15	6 46 40.00	4 7.71	23 0 57.3	4 48.4	68.67	15 45.38
4.0	Do	4 3.11	10.87	6 50 47.71	4 7.42	22 56 8.9	5 12.5	68.63	15 45.37
5.0	Fr	4 13.98	10.55	6 54 55.13	4 7.11	22 50 56.4	5 36.3	68.59	15 45.37
6.0	Sa	4 24.53	10.22	6 59 2.24	4 6.78	22 45 20.1	6 0.1	68.54	15 45.37
7.0	St	+4 34.75	9.86	7 3 9.02	4 6.42	+22 39 20.0	6 23.6	68.49	15 45.38
8.0	Mo	4 44.61	9.47	7 7 15.44	4 6.03	22 32 56.4	6 47.1	68.44	15 45.40
9.0	Di	4 54.08	9.07	7 11 21.47	4 5.62	22 26 9.3	7 10.3	68.38	15 45.42
10.0	Mi	5 3.15	8.64	7 15 27.09	4 5.20	22 18 59.0	7 33.4	68.33	15 45.44
11.0	Do	5 11.79	8.20	7 19 32.29	4 4.76	22 11 25.6	7 56.3	68.27	15 45.48
12.0	Fr	5 19.99	7.74	7 23 37.05	4 4.29	22 3 29.3	8 19.0	68.21	15 45.51
13.0	Sa	+5 27.73	7.25	7 27 41.34	4 3.81	+21 55 10.3	8 41.4	68.14	15 45.56
14.0	St	5 34.98	6.75	7 31 45.15	4 3.31	21 46 28.9	9 3.7	68.08	15 45.60
15.0	Mo	5 41.73	6.25	7 35 48.46	4 2.80	21 37 25.2	9 25.8	68.01	15 45.66
16.0	Di	5 47.98	5.72	7 39 51.26	4 2.28	21 27 59.4	9 47.6	67.94	15 45.71
17.0	Mi	5 53.70	5.19	7 43 53.54	4 1.74	21 18 11.8	10 9.3	67.87	15 45.77
18.0	Do	5 58.89	4.64	7 47 55.28	4 1.20	21 8 2.5	10 30.7	67.79	15 45.84
19.0	Fr	+6 3.53	4.08	7 51 56.48	4 0.64	+20 57 31.8	10 51.8	67.72	15 45.91
20.0	Sa	6 7.61	3.52	7 55 57.12	4 0.07	20 46 40.0	11 12.9	67.64	15 45.98
21.0	St	6 11.13	2.95	7 59 57.19	3 59.51	20 35 27.1	11 33.5	67.56	15 46.06
22.0	Mo	6 14.08	2.38	8 3 56.70	3 58.94	20 23 53.6	11 54.1	67.48	15 46.14
23.0	Di	6 16.46	1.80	8 7 55.64	3 58.35	20 11 59.5	12 14.3	67.40	15 46.22
24.0	Mi	6 18.26		8 11 53.99		19 59 45.2		67.32	15 46.31

Tag		Julian. Tag	Sternzeit	Länge (Mittleres Äquinoktium 1918.0)	Diff.	Breite	log R	Diff.	Untergang in +50° Breite	Aufgang 0h Länge
		2421	h m s	° ′ ″	′ ″	″			h m	h m
Juni	13	758	5 23 56.89	81 38 32.3	57 19.4	—0.85	0.0067600	386	8 9	15 50
	14	759	5 27 53.45	82 35 51.7	57 18.5	—0.91	0.0067986	364	8 10	15 50
	15	760	5 31 50.00	83 33 10.2	57 17.7	—0.95	0.0068350	344	8 10	15 50
	16	761	5 35 46.56	84 30 27.9	57 16.9	—0.97	0.0068694	324	8 11	15 50
	17	762	5 39 43.12	85 27 44.8	57 16.1	—0.95	0.0069018	306	8 11	15 50
	18	763	5 43 39.68	86 25 0.9	57 15.3	—0.91	0.0069324	288	8 12	15 50
	19	764	5 47 36.23	87 22 16.2	57 14.6	—0.84	0.0069612	270	8 12	15 50
	20	765	5 51 32.79	88 19 30.8	57 14.1	—0.75	0.0069882	255	8 12	15 50
	21	766	5 55 29.35	89 16 44.9	57 13.4	—0.63	0.0070137	239	8 13	15 50
	22	767	5 59 25.91	90 13 58.3	57 12.9	—0.50	0.0070376	224	8 13	15 50
	23	768	6 3 22.46	91 11 11.2	57 12.5	—0.36	0.0070600	210	8 13	15 51
	24	769	6 7 19.02	92 8 23.7	57 12.2	—0.23	0.0070810	196	8 13	15 51
	25	770	6 11 15.58	93 5 35.9	57 12.0	—0.10	0.0071006	182	8 13	15 51
	26	771	6 15 12.14	94 2 47.9	57 11.8	+0.02	0.0071188	167	8 13	15 52
	27	772	6 19 8.69	94 59 59.7	57 11.8	+0.11	0.0071355	152	8 13	15 52
	28	773	6 23 5.25	95 57 11.5	57 11.9	+0.18	0.0071507	136	8 13	15 53
	29	774	6 27 1.81	96 54 23.4	57 12.0	+0.22	0.0071643	117	8 13	15 53
	30	775	6 30 58.37	97 51 35.4	57 12.1	+0.23	0.0071760	99	8 13	15 54
Juli	1	776	6 34 54.93	98 48 47.5	57 12.4	+0.21	0.0071859	78	8 13	15 55
	2	777	6 38 51.48	99 45 59.9	57 12.7	+0.15	0.0071937	56	8 12	15 55
	3	778	6 42 48.04	100 43 12.6	57 12.8	+0.06	0.0071993	33	8 12	15 56
	4	779	6 46 44.60	101 40 25.4	57 13.1	—0.05	0.0072026	8	8 12	15 57
	5	780	6 50 41.16	102 37 38.5	57 13.4	—0.18	0.0072034	—17	8 11	15 58
	6	781	6 54 37.71	103 34 51.9	57 13.5	—0.31	0.0072017	43	8 11	15 58
	7	782	6 58 34.27	104 32 5.4	57 13.6	—0.45	0.0071974	70	8 10	15 59
	8	783	7 2 30.83	105 29 19.0	57 13.8	—0.58	0.0071904	96	8 10	16 0
	9	784	7 6 27.38	106 26 32.8	57 13.9	—0.69	0.0071808	123	8 9	16 1
	10	785	7 10 23.94	107 23 46.7	57 13.9	—0.79	0.0071685	147	8 9	16 2
	11	786	7 14 20.50	108 21 0.6	57 14.0	—0.85	0.0071538	173	8 8	16 3
	12	787	7 18 17.06	109 18 14.6	57 14.1	—0.90	0.0071365	196	8 7	16 4
	13	788	7 22 13.61	110 15 28.7	57 14.1	—0.92	0.0071169	219	8 6	16 5
	14	789	7 26 10.17	111 12 42.8	57 14.2	—0.92	0.0070950	240	8 5	16 6
	15	790	7 30 6.73	112 9 57.0	57 14.4	—0.89	0.0070710	262	8 5	16 7
	16	791	7 34 3.28	113 7 11.4	57 14.4	—0.83	0.0070448	281	8 4	16 8
	17	792	7 37 59.84	114 4 25.8	57 14.6	—0.73	0.0070167	300	8 3	16 9
	18	793	7 41 56.40	115 1 40.4	57 14.8	—0.62	0.0069867	318	8 2	16 11
	19	794	7 45 52.95	115 58 55.2	57 15.0	—0.50	0.0069549	335	8 1	16 12
	20	795	7 49 49.51	116 56 10.2	57 15.4	—0.38	0.0069214	349	8 0	16 13
	21	796	7 53 46.07	117 53 25.6	57 15.8	—0.24	0.0068865	365	7 58	16 14
	22	797	7 57 42.62	118 50 41.4	57 16.3	—0.10	0.0068500	378	7 57	16 15
	23	798	8 1 39.18	119 47 57.7	57 16.9	+0.02	0.0068122	391	7 56	16 17
	24	799	8 5 35.74	120 45 14.6		+0.12	0.0067731		7 55	16 18

0h mittlere Zeit Greenwich

Mittlere Zeit Greenwich	Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Juli 24.0	Mi	+6 18.26	1.22	8 11 53.99	3 57.78	+19 59 45.2	12 34.4	67.32	15 46.31
25.0	Do	6 19.48	0.64	8 15 51.77	3 57.20	19 47 10.8	12 54.1	67.24	15 46.39
26.0	Fr	6 20.12	0.07	8 19 48.97	3 56.62	19 34 16.7	13 13.7	67.15	15 46.49
27.0	Sa	6 20.19	0.52	8 23 45.59	3 56.04	19 21 3.0	13 33.1	67.07	15 46.58
28.0	St	6 19.67	1.10	8 27 41.63	3 55.46	19 7 29.9	13 52.0	66.98	15 46.68
29.0	Mo	6 18.57	1.68	8 31 37.09	3 54.88	18 53 37.9	14 10.9	66.90	15 46.78
30.0	Di	+6 16.89	2.26	8 35 31.97	3 54.29	+18 39 27.0	14 29.4	66.81	15 46.88
31.0	Mi	6 14.63	2.85	8 39 26.26	3 53.70	18 24 57.6	14 47.5	66.72	15 46.99
Aug. 1.0	Do	6 11.78	3.44	8 43 19.96	3 53.12	18 10 10.1	15 5.5	66.63	15 47.10
2.0	Fr	6 8.34	4.03	8 47 13.08	3 52.53	17 55 4.6	15 23.1	66.55	15 47.22
3.0	Sa	6 4.31	4.62	8 51 5.61	3 51.93	17 39 41.5	15 40.4	66.46	15 47.34
4.0	St	5 59.69	5.21	8 54 57.54	3 51.34	17 24 1.1	15 57.4	66.37	15 47.47
5.0	Mo	+5 54.48	5.81	8 58 48.88	3 50.75	+17 8 3.7	16 14.1	66.28	15 47.60
6.0	Di	5 48.67	6.41	9 2 39.63	3 50.15	16 51 49.6	16 30.4	66.20	15 47.74
7.0	Mi	5 42.26	7.00	9 6 29.78	3 49.55	16 35 19.2	16 46.4	66.11	15 47.88
8.0	Do	5 35.26	7.59	9 10 19.33	3 48.96	16 18 32.8	17 2.2	66.03	15 48.03
9.0	Fr	5 27.67	8.19	9 14 8.29	3 48.37	16 1 30.6	17 17.6	65.94	15 48.18
10.0	Sa	5 19.48	8.77	9 17 56.66	3 47.79	15 44 13.0	17 32.7	65.86	15 48.34
11.0	St	+5 10.71	9.35	9 21 44.45	3 47.20	+15 26 40.3	17 47.4	65.77	15 48.50
12.0	Mo	5 1.36	9.93	9 25 31.65	3 46.62	15 8 52.9	18 1.8	65.69	15 48.67
13.0	Di	4 51.43	10.51	9 29 18.27	3 46.06	14 50 51.1	18 16.0	65.61	15 48.84
14.0	Mi	4 40.92	11.06	9 33 4.33	3 45.49	14 32 35.1	18 29.8	65.53	15 49.01
15.0	Do	4 29.86	11.61	9 36 49.82	3 44.94	14 14 5.3	18 43.3	65.45	15 49.19
16.0	Fr	4 18.25	12.16	9 40 34.76	3 44.39	13 55 22.0	18 56.5	65.38	15 49.37
17.0	Sa	+4 6.09	12.70	9 44 19.15	3 43.86	+13 36 25.5	19 9.4	65.30	15 49.55
18.0	St	3 53.39	13.21	9 48 3.01	3 43.34	13 17 16.1	19 21.9	65.23	15 49.74
19.0	Mo	3 40.18	13.72	9 51 46.35	3 42.84	12 57 54.2	19 34.2	65.15	15 49.93
20.0	Di	3 26.46	14.20	9 55 29.19	3 42.35	12 38 20.0	19 46.2	65.08	15 50.12
21.0	Mi	3 12.26	14.68	9 59 11.54	3 41.87	12 18 33.8	19 58.0	65.01	15 50.32
22.0	Do	2 57.58	15.14	10 2 53.41	3 41.42	11 58 35.8	20 9.3	64.94	15 50.51
23.0	Fr	+2 42.44	15.58	10 6 34.83	3 40.98	+11 38 26.5	20 20.5	64.88	15 50.71
24.0	Sa	2 26.86	15.99	10 10 15.81	3 40.56	11 18 6.0	20 31.3	64.81	15 50.91
25.0	St	2 10.87	16.39	10 13 56.37	3 40.16	10 57 34.7	20 41.8	64.75	15 51.11
26.0	Mo	1 54.48	16.78	10 17 36.53	3 39.77	10 36 52.9	20 52.1	64.69	15 51.32
27.0	Di	1 37.70	17.15	10 21 16.30	3 39.40	10 16 0.8	21 1.9	64.63	15 51.52
28.0	Mi	1 20.55	17.50	10 24 55.70	3 39.05	9 54 58.9	21 11.6	64.57	15 51.73
29.0	Do	+1 3.05	17.84	10 28 34.75	3 38.72	+ 9 33 47.3	21 20.8	64.52	15 51.94
30.0	Fr	0 45.21	18.17	10 32 13.47	3 38.39	9 12 26.5	21 29.8	64.47	15 52.15
31.0	Sa	0 27.04	18.47	10 35 51.86	3 38.09	8 50 56.7	21 38.3	64.42	15 52.37
Sept. 1.0	St	+0 8.57	18.76	10 39 29.95	3 37.78	8 29 18.4	21 46.6	64.37	15 52.59
2.0	Mo	−0 10.19	19.04	10 43 7.73	3 37.51	8 7 31.8	21 54.5	64.33	15 52.81
3.0	Di	0 29.23		10 46 45.24		7 45 37.3		64.29	15 53.03

0h mittlere Zeit Greenwich								Untergang	Aufgang
Tag	Julian. Tag	Sternzeit	Mittleres Äquinoktium 1918.0 Länge		Breite	log R		in +50° Breite	0h Länge
	2421	h m s	° ′ ″	′ ″	″			h m	h m
Juli 24	799	8 5 35.74	120 45 14.6	57 17.5	+0.12	0.0067731	404	7 55	16 18
25	800	8 9 32.29	121 42 32.1	57 18.3	+0.20	0.0067327	417	7 54	16 19
26	801	8 13 28.85	122 39 50.4	57 19.2	+0.26	0.0066910	431	7 52	16 21
27	802	8 17 25.40	123 37 9.6	57 20.2	+0.29	0.0066479	446	7 51	16 22
28	803	8 21 21.96	124 34 29.8	57 21.2	+0.27	0.0066033	461	7 50	16 23
29	804	8 25 18.52	125 31 51.0	57 22.3	+0.22	0.0065572	479	7 48	16 25
30	805	8 29 15.07	126 29 13.3	57 23.5	+0.14	0.0065093	497	7 47	16 26
31	806	8 33 11.63	127 26 36.8	57 24.6	+0.04	0.0064596	518	7 45	16 28
Aug. 1	807	8 37 8.18	128 24 1.4	57 25.7	−0.08	0.0064078	538	7 44	16 29
2	808	8 41 4.74	129 21 27.1	57 26.9	−0.21	0.0063540	560	7 42	16 30
3	809	8 45 1.30	130 18 54.0	57 28.0	−0.34	0.0062980	583	7 41	16 32
4	810	8 48 57.85	131 16 22.0	57 29.0	−0.46	0.0062397	606	7 39	16 33
5	811	8 52 54.41	132 13 51.0	57 30.2	−0.57	0.0061791	630	7 38	16 35
6	812	8 56 50.96	133 11 21.2	57 31.3	−0.67	0.0061161	653	7 36	16 36
7	813	9 0 47.52	134 8 52.5	57 32.2	−0.75	0.0060508	676	7 34	16 38
8	814	9 4 44.07	135 6 24.7	57 33.2	−0.80	0.0059832	698	7 32	16 39
9	815	9 8 40.63	136 3 57.9	57 34.2	−0.82	0.0059134	721	7 31	16 41
10	816	9 12 37.18	137 1 32.1	57 35.1	−0.81	0.0058413	741	7 29	16 42
11	817	9 16 33.74	137 59 7.2	57 36.1	−0.77	0.0057672	761	7 27	16 44
12	818	9 20 30.29	138 56 43.3	57 37.1	−0.72	0.0056911	780	7 25	16 45
13	819	9 24 26.85	139 54 20.4	57 38.0	−0.64	0.0056131	797	7 24	16 47
14	820	9 28 23.40	140 51 58.4	57 39.0	−0.53	0.0055334	815	7 22	16 48
15	821	9 32 19.95	141 49 37.4	57 40.0	−0.42	0.0054519	830	7 20	16 49
16	822	9 36 16.51	142 47 17.4	57 41.1	−0.30	0.0053689	844	7 18	16 51
17	823	9 40 13.06	143 44 58.5	57 42.1	−0.16	0.0052845	857	7 16	16 52
18	824	9 44 9.62	144 42 40.6	57 43.2	−0.02	0.0051988	868	7 14	16 54
19	825	9 48 6.17	145 40 23.8	57 44.4	+0.10	0.0051120	878	7 12	16 55
20	826	9 52 2.73	146 38 8.2	57 45.7	+0.21	0.0050242	887	7 10	16 57
21	827	9 55 59.28	147 35 53.9	57 47.0	+0.29	0.0049355	895	7 8	16 58
22	828	9 59 55.84	148 33 40.9	57 48.5	+0.35	0.0048460	903	7 6	17 0
23	829	10 3 52.39	149 31 29.4	57 50.0	+0.37	0.0047557	910	7 4	17 1
24	830	10 7 48.94	150 29 19.4	57 51.7	+0.36	0.0046647	918	7 2	17 3
25	831	10 11 45.50	151 27 11.1	57 53.5	+0.33	0.0045729	928	7 0	17 4
26	832	10 15 42.05	152 25 4.6	57 55.3	+0.26	0.0044801	937	6 58	17 6
27	833	10 19 38.60	153 22 59.9	57 57.2	+0.18	0.0043864	949	6 56	17 7
28	834	10 23 35.16	154 20 57.1	57 59.0	+0.07	0.0042915	961	6 54	17 9
29	835	10 27 31.71	155 18 56.1	58 0.9	−0.06	0.0041954	974	6 52	17 10
30	836	10 31 28.26	156 16 57.0	58 2.8	−0.19	0.0040980	988	6 50	17 12
31	837	10 35 24.82	157 14 59.8	58 4.6	−0.31	0.0039992	1005	6 48	17 13
Sept. 1	838	10 39 21.37	158 13 4.4	58 6.5	−0.43	0.0038987	1020	6 46	17 15
2	839	10 43 17.92	159 11 10.9	58 8.4	−0.52	0.0037967	1036	6 44	17 16
3	840	10 47 14.48	160 9 19.3		−0.60	0.0036931		6 42	17 18

Mittlere Zeit Greenwich	Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Sept. 3.0	Di	— 0 29.23	19.31	10 46 45.24	3 37.25	+7 45 37.3	22 2.0	64.29	15 53.03
4.0	Mi	0 48.54	19.57	10 50 22.49	3 36.99	7 23 35.3	22 9.2	64.25	15 53.27
5.0	Do	1 8.11	19.80	10 53 59.48	3 36.75	7 1 26.1	22 16.1	64.21	15 53.51
6.0	Fr	1 27.91	20.02	10 57 36.23	3 36.53	6 39 10.0	22 22.6	64.17	15 53.75
7.0	Sa	1 47.93	20.23	11 1 12.76	3 36.32	6 16 47.4	22 28.8	64.14	15 53.99
8.0	St	2 8.16	20.42	11 4 49.08	3 36.14	5 54 18.6	22 34.6	64.11	15 54.23
9.0	Mo	— 2 28.58	20.60	11 8 25.22	3 35.95	+5 31 44.0	22 40.1	64.09	15 54.48
10.0	Di	2 49.18	20.75	11 12 1.17	3 35.80	5 9 3.9	22 45.2	64.07	15 54.73
11.0	Mi	3 9.93	20.89	11 15 36.97	3 35.66	4 46 18.7	22 50.1	64.05	15 54.99
12.0	Do	3 30.82	21.02	11 19 12.63	3 35.54	4 23 28.6	22 54.6	64.03	15 55.24
13.0	Fr	3 51.84	21.12	11 22 48.17	3 35.43	4 0 34.0	22 58.7	64.02	15 55.50
14.0	Sa	4 12.96	21.21	11 26 23.60	3 35.35	3 37 35.3	23 2.5	64.01	15 55.76
15.0	St	— 4 34.17	21.27	11 29 58.95	3 35.28	+3 14 32.8	23 6.1	64.00	15 56.02
16.0	Mo	4 55.44	21.31	11 33 34.23	3 35.23	2 51 26.7	23 9.2	63.99	15 56.29
17.0	Di	5 16.75	21.34	11 37 9.46	3 35.22	2 28 17.5	23 12.1	63.99	15 56.56
18.0	Mi	5 38.09	21.33	11 40 44.68	3 35.22	2 5 5.4	23 14.7	63.99	15 56.82
19.0	Do	5 59.42	21.31	11 44 19.90	3 35.24	1 41 50.7	23 16.9	63.99	15 57.08
20.0	Fr	6 20.73	21.26	11 47 55.14	3 35.29	1 18 33.8	23 18.9	64.00	15 57.35
21.0	Sa	— 6 41.99	21.18	11 51 30.43	3 35.38	+0 55 14.9	23 20.5	64.01	15 57.61
22.0	St	7 3.17	21.09	11 55 5.81	3 35.47	0 31 54.4	23 21.9	64.02	15 57.87
23.0	Mo	7 24.26	20.95	11 58 41.28	3 35.60	+0 8 32.5	23 22.9	64.04	15 58.14
24.0	Di	7 45.21	20.80	12 2 16.88	3 35.75	—0 14 50.4	23 23.5	64.05	15 58.40
25.0	Mi	8 6.01	20.63	12 5 52.63	3 35.92	0 38 13.9	23 24.0	64.07	15 58.67
26.0	Do	8 26.64	20.44	12 9 28.55	3 36.11	1 1 37.9	23 23.9	64.10	15 58.93
27.0	Fr	— 8 47.08	20.22	12 13 4.66	3 36.33	—1 25 1.8	23 23.5	64.13	15 59.20
28.0	Sa	9 7.30	19.99	12 16 40.99	3 36.56	1 48 25.3	23 22.9	64.16	15 59.47
29.0	St	9 27.29	19.74	12 20 17.55	3 36.82	2 11 48.2	23 21.8	64.19	15 59.73
30.0	Mo	9 47.03	19.47	12 23 54.37	3 37.09	2 35 10.0	23 20.3	64.23	16 0.00
Okt. 1.0	Di	10 6.50	19.17	12 27 31.46	3 37.37	2 58 30.3	23 18.5	64.27	16 0.27
2.0	Mi	10 25.67	18.87	12 31 8.83	3 37.68	3 21 48.8	23 16.3	64.31	16 0.55
3.0	Do	—10 44.54	18.55	12 34 46.51	3 38.01	—3 45 5.1	23 13.7	64.35	16 0.82
4.0	Fr	11 3.09	18.21	12 38 24.52	3 38.35	4 8 18.8	23 10.8	64.40	16 1.09
5.0	Sa	11 21.30	17.85	12 42 2.87	3 38.70	4 31 29.6	23 7.4	64.45	16 1.37
6.0	St	11 39.15	17.47	12 45 41.57	3 39.08	4 54 37.0	23 3.8	64.51	16 1.65
7.0	Mo	11 56.62	17.08	12 49 20.65	3 39.47	5 17 40.8	22 59.6	64.57	16 1.93
8.0	Di	12 13.70	16.67	12 53 0.12	3 39.88	5 40 40.4	22 55.2	64.63	16 2.21
9.0	Mi	—12 30.37	16.25	12 56 40.00	3 40.31	—6 3 35.6	22 50.4	64.69	16 2.49
10.0	Do	12 46.62	15.80	13 0 20.31	3 40.75	6 26 26.0	22 45.1	64.76	16 2.77
11.0	Fr	13 2.42	15.35	13 4 1.06	3 41.20	6 49 11.1	22 39.6	64.83	16 3.05
12.0	Sa	13 17.77	14.87	13 7 42.26	3 41.69	7 11 50.7	22 33.6	64.90	16 3.33
13.0	St	13 32.64	14.37	13 11 23.95	3 42.18	7 34 24.3	22 27.2	64.97	16 3.61
14.0	Mo	13 47.01		13 15 6.13		7 56 51.5		65.05	16 3.90

Tag	Julian. Tag	Sternzeit	Länge		Breite	log R		Untergang	Aufgang
0h mittlere Zeit Greenwich			Mittleres Äquinoktium 1918.0					in +50° Breite	0h Länge
	2421	h m s	° ′ ″	′ ″	″			h m	h m
Sept. 3	840	10 47 14.48	160 9 19.3	58 10.1	−0.60	0.0036931	1053	6 42	17 18
4	841	10 51 11.03	161 7 29.4	58 11.9	−0.64	0.0035878	1069	6 40	17 19
5	842	10 55 7.58	162 5 41.3	58 13.7	−0.66	0.0034809	1085	6 37	17 21
6	843	10 59 4.14	163 3 55.0	58 15.3	−0.65	0.0033724	1101	6 35	17 22
7	844	11 3 0.69	164 2 10.3	58 17.0	−0.63	0.0032623	1116	6 33	17 24
8	845	11 6 57.24	165 0 27.3	58 18.6	−0.57	0.0031507	1129	6 31	17 25
9	846	11 10 53.80	165 58 45.9	58 20.3	−0.50	0.0030378	1143	6 29	17 27
10	847	11 14 50.35	166 57 6.2	58 21.9	−0.40	0.0029235	1155	6 27	17 28
11	848	11 18 46.90	167 55 28.1	58 23.4	−0.29	0.0028080	1166	6 24	17 30
12	849	11 22 43.45	168 53 51.5	58 25.1	−0.16	0.0026914	1176	6 22	17 31
13	850	11 26 40.01	169 52 16.6	58 26.6	−0.03	0.0025738	1185	6 20	17 33
14	851	11 30 36.56	170 50 43.2	58 28.2	+0.10	0.0024553	1191	6 18	17 34
15	852	11 34 33.11	171 49 11.4	58 29.8	+0.22	0.0023362	1196	6 16	17 36
16	853	11 38 29.67	172 47 41.2	58 31.4	+0.33	0.0022166	1200	6 13	17 37
17	854	11 42 26.22	173 46 12.6	58 33.1	+0.43	0.0020966	1202	6 11	17 39
18	855	11 46 22.77	174 44 45.7	58 35.0	+0.49	0.0019764	1202	6 9	17 40
19	856	11 50 19.32	175 43 20.7	58 36.8	+0.53	0.0018562	1202	6 7	17 42
20	857	11 54 15.88	176 41 57.5	58 38.7	+0.53	0.0017360	1201	6 5	17 43
21	858	11 58 12.43	177 40 36.2	58 40.8	+0.50	0.0016159	1200	6 2	17 45
22	859	12 2 8.98	178 39 17.0	58 42.9	+0.44	0.0014959	1198	6 0	17 46
23	860	12 6 5.53	179 37 59.9	58 45.0	+0.34	0.0013761	1198	5 58	17 48
24	861	12 10 2.08	180 36 44.9	58 47.3	+0.23	0.0012563	1199	5 56	17 49
25	862	12 13 58.64	181 35 32.2	58 49.7	+0.10	0.0011364	1201	5 54	17 51
26	863	12 17 55.19	182 34 21.9	58 51.9	−0.02	0.0010163	1203	5 51	17 52
27	864	12 21 51.74	183 33 13.8	58 54.2	−0.14	0.0008960	1207	5 49	17 54
28	865	12 25 48.29	184 32 8.0	58 56.5	−0.25	0.0007753	1212	5 47	17 55
29	866	12 29 44.85	185 31 4.5	58 58.7	−0.35	0.0006541	1217	5 45	17 57
30	867	12 33 41.40	186 30 3.2	59 1.0	−0.44	0.0005324	1223	5 43	17 58
Okt. 1	868	12 37 37.95	187 29 4.2	59 3.3	−0.49	0.0004101	1229	5 40	18 0
2	869	12 41 34.51	188 28 7.5	59 5.4	−0.51	0.0002872	1235	5 38	18 2
3	870	12 45 31.06	189 27 12.9	59 7.5	−0.51	0.0001637	1243	5 36	18 3
4	871	12 49 27.61	190 26 20.4	59 9.5	−0.47	0.0000394	1248	5 34	18 5
5	872	12 53 24.16	191 25 29.9	59 11.5	−0.41	9.9999146	1254	5 32	18 6
6	873	12 57 20.72	192 24 41.4	59 13.5	−0.34	9.9997892	1259	5 30	18 8
7	874	13 1 17.27	193 23 54.9	59 15.5	−0.24	9.9996633	1263	5 27	18 9
8	875	13 5 13.82	194 23 10.4	59 17.4	−0.12	9.9995370	1267	5 25	18 11
9	876	13 9 10.37	195 22 27.8	59 19.2	+0.01	9.9994103	1270	5 23	18 12
10	877	13 13 6.93	196 21 47.0	59 21.1	+0.15	9.9992833	1272	5 21	18 14
11	878	13 17 3.48	197 21 8.1	59 22.8	+0.28	9.9991561	1272	5 19	18 16
12	879	13 21 0.03	198 20 30.9	59 24.6	+0.39	9.9990289	1270	5 17	18 17
13	880	13 24 56.59	199 19 55.5	59 26.3	+0.49	9.9989019	1268	5 15	18 19
14	881	13 28 53.14	200 19 21.8		+0.59	9.9987751		5 13	18 20

Mittlere Zeit Greenwich	Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit	Diff.	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Okt. 14.0	Mo	−13 47.01	13.86	13 15 6.13	3 42.69	− 7 56 51.5	22 20.5	65.05	16 3.90
15.0	Di	14 0.87	13.33	13 18 48.82	3 43.22	8 19 12.0	22 13.5	65.13	16 4.17
16.0	Mi	14 14.20	12.78	13 22 32.04	3 43.78	8 41 25.5	22 6.0	65.21	16 4.45
17.0	Do	14 26.98	12.21	13 26 15.82	3 44.35	9 3 31.5	21 58.2	65.30	16 4.73
18.0	Fr	14 39.19	11.61	13 30 0.17	3 44.94	9 25 29.7	21 50.0	65.38	16 5.01
19.0	Sa	14 50.80	11.00	13 33 45.11	3 45.55	9 47 19.7	21 41.5	65.47	16 5.28
20.0	St	−15 1.80	10.36	13 37 30.66	3 46.19	−10 9 1.2	21 32.6	65.56	16 5.55
21.0	Mo	15 12.16	9.70	13 41 16.85	3 46.86	10 30 33.8	21 23.4	65.66	16 5.82
22.0	Di	15 21.86	9.02	13 45 3.71	3 47.53	10 51 57.2	21 13.7	65.75	16 6.08
23.0	Mi	15 30.88	8.33	13 48 51.24	3 48.23	11 13 10.9	21 3.6	65.85	16 6.35
24.0	Do	15 39.21	7.61	13 52 39.47	3 48.94	11 34 14.5	20 53.3	65.95	16 6.61
25.0	Fr	15 46.82	6.88	13 56 28.41	3 49.67	11 55 7.8	20 42.4	66.05	16 6.86
26.0	Sa	−15 53.70	6.14	14 0 18.08	3 50.42	−12 15 50.2	20 31.2	66.16	16 7.12
27.0	St	15 59.84	5.38	14 4 8.50	3 51.17	12 36 21.4	20 19.6	66.26	16 7.38
28.0	Mo	16 5.22	4.61	14 7 59.67	3 51.94	12 56 41.0	20 7.5	66.37	16 7.63
29.0	Di	16 9.83	3.84	14 11 51.61	3 52.72	13 16 48.5	19 55.0	66.48	16 7.88
30.0	Mi	16 13.67	3.05	14 15 44.33	3 53.50	13 36 43.5	19 42.2	66.59	16 8.13
31.0	Do	16 16.72	2.26	14 19 37.83	3 54.30	13 56 25.7	19 28.8	66.70	16 8.38
Nov. 1.0	Fr	−16 18.98	1.45	14 23 32.13	3 55.10	−14 15 54.5	19 15.0	66.81	16 8.63
2.0	Sa	16 20.43	0.65	14 27 27.23	3 55.91	14 35 9.5	19 1.0	66.92	16 8.88
3.0	St	16 21.08	0.17	14 31 23.14	3 56.72	14 54 10.5	18 46.3	67.04	16 9.12
4.0	Mo	16 20.91	0.98	14 35 19.86	3 57.54	15 12 56.8	18 31.4	67.16	16 9.37
5.0	Di	16 19.93	1.81	14 39 17.40	3 58.36	15 31 28.2	18 16.0	67.27	16 9.62
6.0	Mi	16 18.12	2.63	14 43 15.76	3 59.18	15 49 44.2	18 0.1	67.39	16 9.86
7.0	Do	−16 15.49	3.46	14 47 14.94	4 0.01	−16 7 44.3	17 43.9	67.51	16 10.10
8.0	Fr	16 12.03	4.28	14 51 14.95	4 0.84	16 25 28.2	17 27.2	67.63	16 10.34
9.0	Sa	16 7.75	5.11	14 55 15.79	4 1.67	16 42 55.4	17 10.2	67.75	16 10.58
10.0	St	16 2.64	5.94	14 59 17.46	4 2.49	17 0 5.6	16 52.8	67.87	16 10.82
11.0	Mo	15 56.70	6.76	15 3 19.95	4 3.32	17 16 58.4	16 34.9	67.99	16 11.05
12.0	Di	15 49.94	7.59	15 7 23.27	4 4.15	17 33 33.3	16 16.7	68.11	16 11.29
13.0	Mi	−15 42.35	8.43	15 11 27.42	4 4.98	−17 49 50.0	15 58.0	68.23	16 11.51
14.0	Do	15 33.92	9.25	15 15 32.40	4 5.81	18 5 48.0	15 39.1	68.35	16 11.74
15.0	Fr	15 24.67	10.08	15 19 38.21	4 6.63	18 21 27.1	15 19.7	68.47	16 11.96
16.0	Sa	15 14.59	10.91	15 23 44.84	4 7.47	18 36 46.8	14 59.9	68.58	16 12.18
17.0	St	15 3.68	11.75	15 27 52.31	4 8.30	18 51 46.7	14 39.7	68.70	16 12.39
18.0	Mo	14 51.93	12.57	15 32 0.61	4 9.14	19 6 26.4	14 19.3	68.82	16 12.59
19.0	Di	−14 39.36	13.41	15 36 9.75	4 9.96	−19 20 45.7	13 58.4	68.93	16 12.80
20.0	Mi	14 25.95	14.23	15 40 19.71	4 10.79	19 34 44.1	13 37.2	69.05	16 12.99
21.0	Do	14 11.72	15.06	15 44 30.50	4 11.61	19 48 21.3	13 15.6	69.16	16 13.19
22.0	Fr	13 56.66	15.88	15 48 42.11	4 12.43	20 1 36.9	12 53.7	69.27	16 13.37
23.0	Sa	13 40.78	16.68	15 52 54.54	4 13.24	20 14 30.6	12 31.4	69.38	16 13.56
24.0	St	13 24.10		15 57 7.78		20 27 2.0		69.49	16 13.74

Tag	Julian. Tag	Sternzeit	Mittleres Äquinoktium 1918.0 Länge		Breite	log *R*		Unter-gang in +50° Breite	Auf-gang 0ʰ Länge
	2421	h m s	° ′ ″	′ ″	″			h m	h m
Okt. 14	881	13 28 53.14	200 19 21.8	59 28.1	+0.59	9.9987751	1263	5 13	18 20
15	882	13 32 49.69	201 18 49.9	59 29.8	+0.66	9.9986488	1257	5 11	18 22
16	883	13 36 46.25	202 18 19.7	59 31.6	+0.69	9.9985231	1249	5 9	18 24
17	884	13 40 42.80	203 17 51.3	59 33.4	+0.70	9.9983982	1238	5 7	18 25
18	885	13 44 39.35	204 17 24.7	59 35.3	+0.68	9.9982744	1228	5 5	18 27
19	886	13 48 35.91	205 17 0.0	59 37.3	+0.61	9.9981516	1217	5 3	18 28
20	887	13 52 32.46	206 16 37.3	59 39.4	+0.52	9.9980299	1204	5 1	18 30
21	888	13 56 29.01	207 16 16.7	59 41.5	+0.40	9.9979095	1192	4 59	18 32
22	889	14 0 25.57	208 15 58.2	59 43.6	+0.27	9.9977903	1181	4 57	18 33
23	890	14 4 22.12	209 15 41.8	59 45.9	+0.14	9.9976722	1170	4 55	18 35
24	891	14 8 18.67	210 15 27.7	59 48.1	+0.01	9.9975552	1160	4 53	18 37
25	892	14 12 15.23	211 15 15.8	59 50.3	—0.10	9.9974392	1152	4 51	18 38
26	893	14 16 11.78	212 15 6.1	59 52.6	—0.20	9.9973240	1144	4 49	18 40
27	894	14 20 8.33	213 14 58.7	59 54.8	—0.29	9.9972096	1138	4 47	18 41
28	895	14 24 4.89	214 14 53.5	59 57.0	—0.35	9.9970958	1132	4 46	18 43
29	896	14 28 1.44	215 14 50.5	59 59.1	—0.39	9.9969826	1125	4 44	18 45
30	897	14 31 58.00	216 14 49.6	60 1.2	—0.39	9.9968701	1121	4 42	18 46
31	898	14 35 54.55	217 14 50.8	60 3.3	—0.36	9.9967580	1117	4 40	18 48
Nov. 1	899	14 39 51.11	218 14 54.1	60 5.3	—0.32	9.9966463	1111	4 38	18 50
2	900	14 43 47.66	219 14 59.4	60 7.1	—0.24	9.9965352	1107	4 37	18 51
3	901	14 47 44.21	220 15 6.5	60 9.0	—0.15	9.9964245	1101	4 35	18 53
4	902	14 51 40.77	221 15 15.5	60 10.8	—0.03	9.9963144	1097	4 33	18 55
5	903	14 55 37.32	222 15 26.3	60 12.5	+0.10	9.9962047	1091	4 32	18 57
6	904	14 59 33.88	223 15 38.8	60 14.2	+0.24	9.9960956	1084	4 30	18 58
7	905	15 3 30.43	224 15 53.0	60 15.8	+0.36	9.9959872	1077	4 29	19 0
8	906	15 7 26.99	225 16 8.8	60 17.3	+0.49	9.9958795	1069	4 27	19 2
9	907	15 11 23.55	226 16 26.1	60 18.8	+0.61	9.9957726	1059	4 25	19 3
10	908	15 15 20.10	227 16 44.9	60 20.2	+0.70	9.9956667	1048	4 24	19 5
11	909	15 19 16.66	228 17 5.1	60 21.6	+0.78	9.9955619	1036	4 22	19 6
12	910	15 23 13.21	229 17 26.7	60 22.9	+0.82	9.9954583	1021	4 21	19 8
13	911	15 27 9.77	230 17 49.6	60 24.4	+0.84	9.9953562	1004	4 20	19 10
14	912	15 31 6.32	231 18 14.0	60 25.7	+0.81	9.9952558	987	4 18	19 11
15	913	15 35 2.88	232 18 39.7	60 27.0	+0.76	9.9951571	967	4 17	19 13
16	914	15 38 59.43	233 19 6.7	60 28.5	+0.67	9.9950604	946	4 16	19 15
17	915	15 42 55.99	234 19 35.2	60 29.9	+0.56	9.9949658	924	4 15	19 16
18	916	15 46 52.55	235 20 5.1	60 31.5	+0.44	9.9948734	903	4 13	19 18
19	917	15 50 49.10	236 20 36.6	60 33.1	+0.30	9.9947831	881	4 12	19 19
20	918	15 54 45.66	237 21 9.7	60 34.8	+0.17	9.9946950	858	4 11	19 21
21	919	15 58 42.22	238 21 44.5	60 36.5	+0.04	9.9946092	838	4 10	19 23
22	920	16 2 38.77	239 22 21.0	60 38.1	—0.07	9.9945254	819	4 9	19 24
23	921	16 6 35.33	240 22 59.1	60 39.7	—0.17	9.9944435	799	4 8	19 26
24	922	16 10 31.89	241 23 38.8		—0.24	9.9943636		4 7	19 27

Table heading: 0ʰ mittlere Zeit Greenwich

Mittlere Zeit Greenwich	Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs Dauer St.-Zt.	Halbmesser
		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Nov. 24.0	St	−13 24.10	17.47	15 57 7.78	4 14.03	−20 27 2.0	12 8.6	69.49	16 13.74
25.0	Mo	13 6.63	18.25	16 1 21.81	4 14.81	20 39 10.6	11 45.7	69.59	16 13.91
26.0	Di	12 48.38	19.02	16 5 36.62	4 15.57	20 50 56.3	11 22.4	69.69	16 14.08
27.0	Mi	12 29.36	19.76	16 9 52.19	4 16.33	21 2 18.7	10 58.6	69.79	16 14.25
28.0	Do	12 9.60	20.50	16 14 8.52	4 17.05	21 13 17.3	10 34.6	69.89	16 14.41
29.0	Fr	11 49.10	21.20	16 18 25.57	4 17.76	21 23 51.9	10 10.3	69.99	16 14.58
30.0	Sa	−11 27.90	21.89	16 22 43.33	4 18.44	−21 34 2.2	9 45.6	70.08	16 14.73
Dez. 1.0	St	11 6.01	22.56	16 27 1.77	4 19.12	21 43 47.8	9 20.8	70.17	16 14.89
2.0	Mo	10 43.45	23.19	16 31 20.89	4 19.75	21 53 8.6	8 55.4	70.26	16 15.04
3.0	Di	10 20.26	23.80	16 35 40.64	4 20.36	22 2 4.0	8 30.0	70.35	16 15.19
4.0	Mi	9 56.46	24.39	16 40 1.00	4 20.95	22 10 34.0	8 4.3	70.43	16 15.33
5.0	Do	9 32.07	24.95	16 44 21.95	4 21.51	22 18 38.3	7 38.2	70.51	16 15.48
6.0	Fr	− 9 7.12	25.48	16 48 43.46	4 22.03	−22 26 16.5	7 11.9	70.58	16 15.62
7.0	Sa	8 41.64	25.97	16 53 5.49	4 22.53	22 33 28.4	6 45.5	70.65	16 15.75
8.0	St	8 15.67	26.44	16 57 28.02	4 22.99	22 40 13.9	6 18.9	70.72	16 15.89
9.0	Mo	7 49.23	26.87	17 1 51.01	4 23.43	22 46 32.8	5 51.9	70.78	16 16.01
10.0	Di	7 22.36	27.28	17 6 14.44	4 23.84	22 52 24.7	5 24.9	70.84	16 16.14
11.0	Mi	6 55.08	27.66	17 10 38.28	4 24.21	22 57 49.6	4 57.6	70.90	16 16.26
12.0	Do	− 6 27.42	28.00	17 15 2.49	4 24.56	−23 2 47.2	4 30.2	70.95	16 16.37
13.0	Fr	5 59.42	28.31	17 19 27.05	4 24.87	23 7 17.4	4 2.7	71.00	16 16.48
14.0	Sa	5 31.11	28.60	17 23 51.92	4 25.17	23 11 20.1	3 35.0	71.04	16 16.59
15.0	St	5 2.51	28.87	17 28 17.09	4 25.42	23 14 55.1	3 7.2	71.08	16 16.69
16.0	Mo	4 33.64	29.09	17 32 42.51	4 25.65	23 18 2.3	2 39.3	71.12	16 16.78
17.0	Di	4 4.55	29.30	17 37 8.16	4 25.86	23 20 41.6	2 11.2	71.15	16 16.87
18.0	Mi	− 3 35.25	29.48	17 41 34.02	4 26.03	−23 22 52.8	1 43.2	71.18	16 16.95
19.0	Do	3 5.77	29.63	17 46 0.05	4 26.19	23 24 36.0	1 15.1	71.20	16 17.02
20.0	Fr	2 36.14	29.74	17 50 26.24	4 26.30	23 25 51.1	0 46.8	71.21	16 17.09
21.0	Sa	2 6.40	29.83	17 54 52.54	4 26.39	23 26 37.9	0 18.5	71.22	16 17.15
22.0	St	1 36.57	29.89	17 59 18.93	4 26.44	23 26 56.4	0 9.8	71.23	16 17.21
23.0	Mo	1 6.68	29.90	18 3 45.37	4 26.47	23 26 46.6	0 38.0	71.23	16 17.26
24.0	Di	− 0 36.78	29.90	18 8 11.84	4 26.45	−23 26 8.6	1 6.4	71.23	16 17.30
25.0	Mi	− 0 6.88	29.85	18 12 38.29	4 26.40	23 25 2.2	1 34.6	71.22	16 17.34
26.0	Do	+ 0 22.97	29.76	18 17 4.69	4 26.33	23 23 27.6	2 2.9	71.21	16 17.38
27.0	Fr	0 52.73	29.65	18 21 31.02	4 26.20	23 21 24.7	2 31.1	71.19	16 17.41
28.0	Sa	1 22.38	29.49	18 25 57.22	4 26.05	23 18 53.6	2 59.2	71.17	16 17.43
29.0	St	1 51.87	29.31	18 30 23.27	4 25.87	23 15 54.4	3 27.2	71.15	16 17.45
30.0	Mo	+ 2 21.18	29.09	18 34 49.14	4 25.64	−23 12 27.2	3 55.1	71.12	16 17.47
31.0	Di	2 50.27	28.82	18 39 14.78	4 25.39	23 8 32.1	4 22.9	71.09	16 17.48
32.0	Mi	3 19.09		18 43 40.17		23 4 9.2		71.05	16 17.49

Tag	Julian. Tag	Sternzeit	0h mittlere Zeit Greenwich — Mittleres Äquinoktium 1918.0 Länge		Breite	log R		Unter-gang in +50° Breite	Auf-gang 0h Länge
	2421	h m s	° ′ ″	′ ″	″			h m	h m
Nov. 24	922	16 10 31.89	241 23 38.8	60 41.4	−0.24	9.9943636	781	4 7	19 27
25	923	16 14 28.44	242 24 20.2	60 43.0	−0.28	9.9942855	764	4 6	19 29
26	924	16 18 25.00	243 25 3.2	60 44.6	−0.30	9.9942091	748	4 5	19 30
27	925	16 22 21.56	244 25 47.8	60 46.2	−0.28	9.9941343	733	4 4	19 32
28	926	16 26 18.11	245 26 34.0	60 47.6	−0.23	9.9940610	718	4 4	19 33
29	927	16 30 14.67	246 27 21.6	60 49.0	−0.16	9.9939892	702	4 3	19 34
30	928	16 34 11.23	247 28 10.6	60 50.4	−0.06	9.9939190	689	4 2	19 36
Dez. 1	929	16 38 7.78	248 29 1.0	60 51.6	+0.04	9.9938501	676	4 2	19 37
2	930	16 42 4.34	249 29 52.6	60 52.9	+0.16	9.9937825	661	4 1	19 38
3	931	16 46 0.90	250 30 45.5	60 54.0	+0.30	9.9937164	649	4 1	19 40
4	932	16 49 57.46	251 31 39.5	60 55.0	+0.43	9.9936515	634	4 0	19 41
5	933	16 53 54.01	252 32 34.5	60 55.9	+0.56	9.9935881	621	4 0	19 42
6	934	16 57 50.57	253 33 30.4	60 56.8	+0.68	9.9935260	606	3 59	19 43
7	935	17 1 47.13	254 34 27.2	60 57.5	+0.79	9.9934654	590	3 59	19 44
8	936	17 5 43.69	255 35 24.7	60 58.2	+0.87	9.9934064	573	3 59	19 46
9	937	17 9 40.24	256 36 22.9	60 58.9	+0.92	9.9933491	555	3 59	19 47
10	938	17 13 36.80	257 37 21.8	60 59.4	+0.94	9.9932936	536	3 58	19 48
11	939	17 17 33.36	258 38 21.2	60 59.9	+0.93	9.9932400	514	3 58	19 49
12	940	17 21 29.92	259 39 21.1	61 0.4	+0.89	9.9931886	491	3 58	19 50
13	941	17 25 26.48	260 40 21.5	61 0.9	+0.81	9.9931395	467	3 58	19 50
14	942	17 29 23.03	261 41 22.4	61 1.4	+0.71	9.9930928	440	3 58	19 51
15	943	17 33 19.59	262 42 23.8	61 1.9	+0.58	9.9930488	414	3 58	19 52
16	944	17 37 16.15	263 43 25.7	61 2.5	+0.44	9.9930074	385	3 59	19 53
17	945	17 41 12.71	264 44 28.2	61 3.1	+0.30	9.9929689	358	3 59	19 54
18	946	17 45 9.27	265 45 31.3	61 3.7	+0.16	9.9929331	329	3 59	19 54
19	947	17 49 5.82	266 46 35.0	61 4.4	+0.03	9.9929002	301	3 59	19 55
20	948	17 53 2.38	267 47 39.4	61 5.1	−0.06	9.9928701	275	4 0	19 56
21	949	17 56 58.94	268 48 44.5	61 5.7	−0.14	9.9928426	248	4 0	19 56
22	950	18 0 55.50	269 49 50.2	61 6.4	−0.19	9.9928178	223	4 1	19 57
23	951	18 4 52.06	270 50 56.6	61 7.2	−0.22	9.9927955	199	4 1	19 57
24	952	18 8 48.61	271 52 3.8	61 7.8	−0.22	9.9927756	176	4 2	19 58
25	953	18 12 45.17	272 53 11.6	61 8.3	−0.18	9.9927580	154	4 2	19 58
26	954	18 16 41.73	273 54 19.9	61 8.9	−0.12	9.9927426	133	4 3	19 58
27	955	18 20 38.29	274 55 28.8	61 9.4	−0.05	9.9927293	113	4 4	19 58
28	956	18 24 34.85	275 56 38.2	61 9.8	+0.05	9.9927180	92	4 5	19 59
29	957	18 28 31.40	276 57 48.0	61 10.1	+0.16	9.9927088	75	4 5	19 59
30	958	18 32 27.96	277 58 58.1	61 10.4	+0.28	9.9927013	56	4 6	19 59
31	959	18 36 24.52	279 0 8.5	61 10.7	+0.41	9.9926957	39	4 7	19 59
32	960	18 40 21.08	280 1 19.2		+0.54	9.9926918		4 8	19 59

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung	Reduktion auf 1925.0	Y	Stündliche Änderung	Reduktion auf 1925.0	Z	Stündliche Änderung	Reduktion auf 1925.0
		Einheit: 7. Dez.			Einheit: 7. Dez.			Einheit: 7. Dez.	
Jan. 0.0	+0.158 2992	7190.5		−0.890 2796	1078.9		−0.386 1835	467.9	
0.5	0.166 9217	7180.2	+16526	0.888 9504	1136.4	+2624	0.385 6071	492.8	+1141
1.0	0.175 5315	7169.4		0.887 5522	1193.9		0.385 0008	517.7	
1.5	0.184 1280	7158.0	16473	0.886 0850	1251.3	2894	0.384 3646	542.6	1258
2.0	0.192 7105	7146.1		0.884 5491	1308.5		0.383 6985	567.5	
2.5	0.201 2783	7133.5	16414	0.882 9446	1365.7	3162	0.383 0026	592.4	1375
3.0	+0.209 8307	7120.4		−0.881 2715	1422.9		−0.382 2768	617.3	
3.5	0.218 3671	7106.9	+16350	0.879 5297	1480.0	+3429	0.381 5212	642.1	+1491
4.0	0.226 8870	7092.8		0.877 7195	1536.9		0.380 7359	666.8	
4.5	0.235 3897	7078.2	16281	0.875 8411	1593.8	3695	0.379 9210	691.4	1607
5.0	0.243 8744	7062.9		0.873 8945	1650.6		0.379 0766	716.0	
5.5	0.252 3405	7047.1	16207	0.871 8798	1707.2	3960	0.378 2026	740.6	1722
6.0	+0.260 7872	7030.7		−0.869 7972	1763.8		−0.377 2991	765.2	
6.5	0.269 2140	7013.8	+16128	0.867 6468	1820.2	+4224	0.376 3662	789.7	+1837
7.0	0.277 6202	6996.4		0.865 4287	1876.6		0.375 4038	814.2	
7.5	0.286 0051	6978.4	16044	0.863 1430	1932.8	4486	0.374 4121	838.6	1951
8.0	0.294 3681	6959.8		0.860 7899	1988.9		0.373 3911	863.0	
8.5	0.302 7084	6940.6	15955	0.858 3696	2044.9	4747	0.372 3409	887.3	2065
9.0	+0.311 0253	6920.8		−0.855 8822	2100.8		−0.371 2616	911.5	
9.5	0.319 3182	6900.5	+15861	0.853 3278	2156.4	+5007	0.370 1532	935.7	+2178
10.0	0.327 5864	6879.7		0.850 7068	2211.9		0.369 0159	959.8	
10.5	0.335 8292	6858.3	15762	0.848 0193	2267.3	5265	0.367 8498	983.8	2290
11.0	0.344 0460	6836.3		0.845 2654	2322.5		0.366 6549	1007.7	
11.5	0.352 2360	6813.7	15658	0.842 4453	2377.6	5522	0.365 4313	1031.6	2401
12.0	+0.360 3985	6790.5		−0.839 5593	2432.4		−0.364 1790	1055.4	
12.5	0.368 5329	6766.7	+15549	0.836 6076	2487.1	+5777	0.362 8982	1079.1	+2512
13.0	0.376 6384	6742.4		0.833 5904	2541.5		0.361 5891	1102.7	
13.5	0.384 7144	6717.5	15435	0.830 5081	2595.6	6030	0.360 2517	1126.2	2622
14.0	0.392 7602	6692.0		0.827 3610	2649.5		0.358 8863	1149.6	
14.5	0.400 7751	6666.1	15317	0.824 1493	2703.2	6281	0.357 4929	1172.8	2731
15.0	+0.408 7586	6639.6		−0.820 8733	2756.7		−0.356 0717	1195.9	
15.5	0.416 7100	6612.5	+15194	0.817 5332	2810.0	+6530	0.354 6227	1219.0	+2839
16.0	0.424 6285	6584.9		0.814 1295	2863.0		0.353 1461	1242.0	
16.5	0.432 5135	6556.7	15066	0.810 6623	2915.7	6777	0.351 6419	1264.8	2947
17.0	0.440 3645	6528.1		0.807 1320	2968.1		0.350 1105	1287.5	
17.5	0.448 1809	6499.0	14933	0.803 5391	3020.2	7022	0.348 5519	1310.1	3054
18.0	+0.455 9620	6469.4		−0.799 8838	3072.0		−0.346 9663	1332.5	
18.5	0.463 7073	6439.3	+14796	0.796 1664	3123.6	+7265	0.345 3539	1354.8	+3160
19.0	0.471 4162	6408.8		0.792 3873	3174.9		0.343 7148	1377.0	
19.5	0.479 0881	6377.7	14654	0.788 5468	3225.9	7505	0.342 0491	1399.1	3265
20.0	0.486 7224	6346.1		0.784 6453	3276.6		0.340 3570	1421.1	
20.5	0.494 3186	6314.1	14508	0.780 6831	3327.0	7743	0.338 6385	1443.0	3368

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Y	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Z	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)
Jan. 20.5	+0.494 3186	6314.1	+14508	−0.780 6831	3327.0	+ 7743	−0.338 6385	1443.0	+3368
21.0	0.501 8761	6281.7		0.776 6606	3377.1		0.336 8938	1464.7	
21.5	0.509 3945	6248.9	14357	0.772 5782	3426.9	7979	0.335 1231	1486.3	3471
22.0	0.516 8732	6215.5		0.768 4361	3476.5		0.333 3267	1507.7	
22.5	0.524 3115	6181.7	14202	0.764 2347	3525.7	8212	0.331 5047	1529.0	3572
23.0	0.531 7090	6147.5		0.759 9745	3574.6		0.329 6571	1550.3	
23.5	+0.539 0653	6112.9	+14042	−0.755 6558	3623.2	+ 8443	−0.327 7840	1571.4	+3672
24.0	0.546 3797	6077.8		0.751 2788	3671.6		0.325 8857	1592.4	
24.5	0.553 6518	6042.3	13878	0.746 8438	3719.8	8671	0.323 9623	1613.3	3771
25.0	0.560 8810	6006.3		0.742 3513	3767.7		0.322 0138	1634.1	
25.5	0.568 0667	5969.9	13710	0.737 8015	3815.2	8896	0.320 0404	1654.7	3869
26.0	0.575 2086	5933.1		0.733 1949	3862.4		0.318 0425	1675.2	
26.5	+0.582 3061	5896.0	+13537	−0.728 5318	3909.3	+ 9119	−0.316 0201	1695.5	+3966
27.0	0.589 3589	5858.5		0.723 8127	3955.9		0.313 9734	1715.7	
27.5	0.596 3663	5820.4	13360	0.719 0378	4002.2	9339	0.311 9024	1735.8	4062
28.0	0.603 3277	5781.9		0.714 2075	4048.3		0.309 8073	1755.9	
28.5	0.610 2427	5743.0	13179	0.709 3220	4094.1	9556	0.307 6882	1775.8	4156
29.0	0.617 1108	5703.6		0.704 3817	4139.6		0.305 5454	1795.5	
29.5	+0.623 9313	5663.8	+12994	−0.699 3870	4184.8	+ 9770	−0.303 3790	1815.1	+4249
30.0	0.630 7039	5623.7		0.694 3383	4229.6		0.301 1892	1834.6	
30.5	0.637 4281	5583.2	12805	0.689 2361	4274.0	9981	0.298 9760	1854.0	4341
31.0	0.644 1035	5542.3		0.684 0807	4318.2		0.296 7396	1873.2	
31.5	0.650 7294	5500.8	12612	0.678 8724	4362.2	10189	0.294 4804	1892.2	4431
Febr. 1.0	0.657 3053	5459.0		0.673 6115	4405.9		0.292 1984	1911.1	
1.5	+0.663 8308	5416.8	+12416	−0.668 2984	4449.1	+10393	−0.289 8937	1930.0	+4520
2.0	0.670 3054	5374.1		0.662 9337	4492.0		0.287 5665	1948.7	
2.5	0.676 7284	5330.9	12215	0.657 5176	4534.6	10595	0.285 2170	1967.2	4608
3.0	0.683 0995	5287.4		0.652 0506	4576.9		0.282 8453	1985.6	
3.5	0.689 4181	5243.6	12011	0.646 5331	4618.9	10793	0.280 4517	2003.8	4694
4.0	0.695 6839	5199.3		0.640 9654	4660.5		0.278 0363	2021.8	
4.5	+0.701 8963	5154.6	+11803	−0.635 3480	4701.7	+10988	−0.275 5993	2039.7	+4779
5.0	0.708 0548	5109.4		0.629 6814	4742.6		0.273 1410	2057.5	
5.5	0.714 1588	5063.9	11591	0.623 9659	4783.2	11180	0.270 6614	2075.1	4862
6.0	0.720 2079	5017.9		0.618 2018	4823.5		0.268 1608	2092.6	
6.5	0.726 2015	4971.4	11375	0.612 3897	4863.3	11368	0.265 6393	2109.9	4944
7.0	0.732 1392	4924.7		0.606 5300	4902.8		0.263 0972	2127.0	
7.5	+0.738 0206	4877.6	+11156	−0.600 6232	4941.9	+11553	−0.260 5346	2143.9	+5024
8.0	0.743 8452	4829.9		0.594 6697	4980.6		0.257 9518	2160.7	
8.5	0.749 6123	4781.9	10934	0.588 6700	5018.9	11734	0.255 3490	2177.3	5103
9.0	0.755 3216	4733.5		0.582 6246	5056.7		0.252 7263	2193.8	
9.5	0.760 9726	4684.7	10708	0.576 5340	5094.2	11911	0.250 0840	2210.0	5180
10.0	0.766 5647	4635.4		0.570 3987	5131.2		0.247 4224	2226.0	

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	*X*	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	*Y*	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	*Z*	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)
Febr. 10.0	+0.766 5647	4635.4		−0.570 3987	5131.2		−0.247 4224	2226.0	
10.5	0.772 0975	4585.8	+10479	0.564 2192	5167.9	+12085	0.244 7416	2241.9	+5255
11.0	0.777 5706	4535.9		0.557 9960	5204.1		0.242 0419	2257.6	
11.5	0.782 9836	4485.7	10247	0.551 7295	5239.9	12255	0.239 3234	2273.1	5329
12.0	0.788 3361	4435.1		0.545 4204	5275.2		0.236 5864	2288.4	
12.5	0.793 6276	4384.0	10012	0.539 0691	5310.1	12421	0.233 8313	2303.4	5402
13.0	+0.798 8575	4332.5		−0.532 6763	5344.5		−0.231 0583	2318.3	
13.5	0.804 0255	4280.8	+ 9773	0.526 2425	5378.4	+12584	0.228 2675	2333.0	+5473
14.0	0.809 1314	4228.9		0.519 7684	5411.8		0.225 4592	2347.5	
14.5	0.814 1748	4176.6	9532	0.513 2545	5444.7	12743	0.222 6337	2361.7	5542
15.0	0.819 1552	4124.0		0.506 7013	5477.2		0.219 7912	2375.8	
15.5	0.824 0723	4071.2	9287	0.500 1094	5509.3	12897	0.216 9319	2389.7	5609
16.0	+0.828 9259	4018.1		−0.493 4792	5540.9		−0.214 0561	2403.3	
16.5	0.833 7156	3964.7	+ 9039	0.486 8114	5572.0	+13048	0.211 1640	2416.8	+5675
17.0	0.838 4410	3911.0		0.480 1065	5602.6		0.208 2558	2430.1	
17.5	0.843 1019	3857.1	8789	0.473 3652	5632.8	13195	0.205 3318	2443.2	5739
18.0	0.847 6980	3803.0		0.466 5880	5662.5		0.202 3923	2456.0	
18.5	0.852 2290	3748.6	8536	0.459 7754	5691.8	13338	0.199 4375	2468.7	5801
19.0	+0.856 6946	3694.0		−0.452 9279	5720.7		−0.196 4676	2481.2	
19.5	0.861 0946	3639.2	+ 8280	0.446 0460	5749.1	+13476	0.193 4827	2493.5	+5861
20.0	0.865 4286	3584.2		0.439 1304	5776.9		0.190 4832	2505.6	
20.5	0.869 6965	3529.0	8022	0.432 1817	5804.3	13610	0.187 4694	2517.5	5919
21.0	0.873 8981	3473.5		0.425 2003	5831.3		0.184 4414	2529.2	
21.5	0.878 0329	3417.8	7762	0.418 1867	5857.9	13740	0.181 3994	2540.7	5976
22.0	+0.882 1008	3361.9		−0.411 1415	5884.0		−0.178 3437	2552.0	
22.5	0.886 1013	3305.7	+ 7599	0.404 0652	5909.7	+13866	0.175 2745	2563.2	+6031
23.0	0.890 0343	3249.4		0.396 9584	5934.9		0.172 1920	2574.2	
23.5	0.893 8997	3192.9	7234	0.389 8216	5959.7	13988	0.169 0965	2585.0	6084
24.0	0.897 6972	3136.2		0.382 6553	5984.1		0.165 9882	2595.5	
24.5	0.901 4265	3079.3	6967	0.375 4600	6008.0	14105	0.162 8673	2605.9	6135
25.0	+0.905 0874	3022.2		−0.368 2363	6031.5		−0.159 7341	2616.1	
25.5	0.908 6796	2964.9	+ 6698	0.360 9846	6054.5	+14218	0.156 5887	2626.2	+6184
26.0	0.912 2030	2907.4		0.353 7056	6077.1		0.153 4313	2636.1	
26.5	0.915 6572	2849.6	6427	0.346 3997	6099.2	14327	0.150 2622	2645.7	6231
27.0	0.919 0420	2791.7		0.339 0676	6120.9		0.147 0817	2655.1	
27.5	0.922 3572	2733.6	6154	0.331 7098	6142.1	14432	0.143 8901	2664.3	6277
28.0	+0.925 6027	2675.4		−0.324 3267	6162.9		−0.140 6875	2673.4	
28.5	0.928 7781	2616.9	+ 5879	0.316 9189	6183.3	+14532	0.137 4741	2682.3	+6320
März 1.0	0.931 8831	2558.2		0.309 4869	6203.2		0.134 2502	2691.0	
1.5	0.934 9176	2499.4	5602	0.302 0313	6222.7	14628	0.131 0160	2699.4	6362
2.0	0.937 8816	2440.5		0.294 5526	6241.7		0.127 7718	2707.6	
2.5	0.940 7748	2381.4	5323	0.287 0515	6260.3	14720	0.124 5179	2715.7	6401

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Y	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Z	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)
März 2.5	+0.940 7748	2381.4	+5323	−0.287 0515	6260.3	+14720	−0.124 5179	2715.7	+6401
3.0	0.943 5969	2322.0		0.279 5283	6278.4		0.121 2543	2723.6	
3.5	0.946 3476	2262.5	5043	0.271 9836	6296.0	14807	0.117 9813	2731.3	6439
4.0	0.949 0268	2202.8		0.264 4181	6313.2		0.114 6993	2738.7	
4.5	0.951 6342	2142.9	4761	0.256 8322	6329.9	14889	0.111 4085	2745.9	6475
5.0	0.954 1696	2082.8		0.249 2266	6346.1		0.108 1091	2753.0	
5.5	+0.956 6329	2022.6	+4478	−0.241 6017	6361.9	+14967	−0.104 8013	2759.9	+6509
6.0	0.959 0238	1962.2		0.233 9582	6377.2		0.101 4854	2766.5	
6.5	0.961 3422	1901.8	4193	0.226 2967	6392.0	15040	0.098 1617	2772.9	6541
7.0	0.963 5880	1841.2		0.218 6176	6406.4		0.094 8304	2779.2	
7.5	0.965 7609	1780.3	3907	0.210 9215	6420.3	15109	0.091 4917	2785.2	6571
8.0	0.967 8606	1719.2		0.203 2091	6433.6		0.088 1460	2791.0	
8.5	+0.969 8870	1658.1	+3620	−0.195 4810	6446.5	+15173	−0.084 7934	2796.6	+6599
9.0	0.971 8400	1596.9		0.187 7377	6458.9		0.081 4343	2801.9	
9.5	0.973 7194	1535.4	3332	0.179 9799	6470.7	15233	0.078 0689	2807.0	6625
10.0	0.975 5249	1473.8		0.172 2082	6482.0		0.074 6975	2811.9	
10.5	0.977 2564	1412.1	3043	0.164 4232	6492.9	15288	0.071 3204	2816.6	6649
11.0	0.978 9138	1350.3		0.156 6255	6503.2		0.067 9378	2821.1	
11.5	+0.980 4970	1288.4	+2753	−0.148 8158	6513.0	+15339	−0.064 5500	2825.3	+6671
12.0	0.982 0058	1226.4		0.140 9947	6522.2		0.061 1573	2829.2	
12.5	0.983 4403	1164.4	2462	0.133 1628	6530.8	15385	0.057 7601	2832.9	6691
13.0	0.984 8002	1102.2		0.125 3209	6538.9		0.054 3585	2836.4	
13.5	0.986 0854	1039.9	2170	0.117 4696	6546.5	15426	0.050 9528	2839.7	6709
14.0	0.987 2960	977.7		0.109 6095	6553.6		0.047 5433	2842.7	
14.5	+0.988 4318	915.4	+1877	−0.101 7412	6560.1	+15462	−0.044 1304	2845.5	+6724
15.0	0.989 4930	853.2		0.093 8654	6566.1		0.040 7142	2848.1	
15.5	0.990 4796	791.0	1584	0.085 9827	6571.6	15494	0.037 2951	2850.4	6738
16.0	0.991 3915	728.7		0.078 0938	6576.5		0.033 8734	2852.4	
16.5	0.992 2285	666.4	1291	0.070 1994	6580.9	15521	0.030 4493	2854.3	6750
17.0	0.992 9908	604.0		0.062 3000	6584.7		0.027 0231	2856.0	
17.5	+0.993 6782	541.7	+ 997	−0.054 3963	6588.0	+15544	−0.023 5950	2857.5	+6760
18.0	0.994 2910	479.5		0.046 4889	6590.9		0.020 1653	2858.7	
18.5	0.994 8291	417.4	703	0.038 5784	6593.2	15562	0.016 7343	2859.7	6768
19.0	0.995 2927	355.2		0.030 6653	6595.1		0.013 3022	2860.5	
19.5	0.995 6816	293.0	409	0.022 7503	6596.5	15575	0.009 8692	2861.1	6774
20.0	0.995 9960	231.0		0.014 8340	6597.3		0.006 4356	2861.4	
20.5	+0.996 2360	169.0	+ 114	−0.006 9170	6597.7	+15583	−0.003 0017	2861.6	+6777
21.0	0.996 4016	107.0		+0.001 0003	6597.6		+0.000 4322	2861.6	
21.5	0.996 4928	45.0	− 180	0.008 9172	6597.0	15587	0.003 8660	2861.4	6779
22.0	0.996 5096	16.9		0.016 8330	6595.9		0.007 2994	2860.9	
22.5	0.996 4523	78.7	475	0.024 7473	6594.4	15586	0.010 7321	2860.3	6779
23.0	0.996 3208	140.5		0.032 6594	6592.4		0.014 1640	2859.5	

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Y	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Z	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)
März 23.0	+0.996 3208	140.5		+0.032 6594	6592.4		+0.014 1640	2859.5	
23.5	0.996 1151	202.3	− 769	0.040 5689	6590.0	+15581	0.017 5948	2858.5	+6777
24.0	0.995 8354	263.9		0.048 4752	6587.1		0.021 0242	2857.2	
24.5	0.995 4817	325.5	1063	0.056 3777	6583.7	15571	0.024 4519	2855.7	6773
25.0	0.995 0541	387.1		0.064 2758	6579.8		0.027 8777	2854.0	
25.5	0.994 5526	448.6	1356	0.072 1690	6575.4	15556	0.031 3015	2852.2	6766
26.0	+0.993 9774	510.0		+0.080 0567	6570.6		+0.034 7230	2850.2	
26.5	0.993 3286	571.3	−1649	0.087 9384	6565.4	+15537	0.038 1419	2847.9	+6758
27.0	0.992 6062	632.6		0.095 8136	6559.7		0.041 5579	2845.4	
27.5	0.991 8104	693.8	1942	0.103 6816	6553.6	15513	0.044 9709	2842.7	6747
28.0	0.990 9412	754.9		0.111 5420	6547.0		0.048 3806	2839.9	
28.5	0.989 9986	816.0	2234	0.119 3941	6539.9	15484	0.051 7867	2836.9	6734
29.0	+0.988 9827	877.1		+0.127 2375	6532.4		+0.055 1891	2833.7	
29.5	0.987 8937	937.9	−2526	0.135 0716	6524.4	+15451	0.058 5876	2830.3	+6720
30.0	0.986 7318	998.6		0.142 8958	6515.9		0.061 9818	2826.6	
30.5	0.985 4970	1059.4	2817	0.150 7096	6507.0	15413	0.065 3714	2822.7	6704
31.0	0.984 1893	1120.1		0.158 5125	6497.7		0.068 7563	2818.7	
31.5	0.982 8088	1180.7	3106	0.166 3039	6487.9	15371	0.072 1363	2814.5	6686
April 1.0	+0.981 3556	1241.2		+0.174 0833	6477.7		+0.075 5111	2810.1	
1.5	0.979 8300	1301.5	−3395	0.181 8502	6467.0	+15324	0.078 8805	2805.5	+6665
2.0	0.978 2320	1361.8		0.189 6039	6455.8		0.082 2441	2800.6	
2.5	0.976 5617	1422.0	3683	0.197 3439	6444.2	15273	0.085 6019	2795.6	6642
3.0	0.974 8191	1482.2		0.205 0697	6432.1		0.088 9535	2790.4	
3.5	0.973 0044	1542.2	3970	0.212 7807	6419.5	15217	0.092 2987	2784.9	6617
4.0	+0.971 1178	1602.1		+0.220 4763	6406.4		+0.095 6372	2779.2	
4.5	0.969 1593	1662.0	−4256	0.228 1560	6392.9	+15156	0.098 9688	2773.3	+6591
5.0	0.967 1291	1721.7		0.235 8193	6379.0		0.102 2932	2767.2	
5.5	0.965 0273	1781.3	4541	0.243 4655	6364.6	15091	0.105 6102	2760.9	6563
6.0	0.962 8540	1840.8		0.251 0941	6349.7		0.108 9195	2754.5	
6.5	0.960 6094	1900.2	4824	0.258 7045	6334.3	15022	0.112 2209	2747.8	6533
7.0	+0.958 2936	1959.4		+0.266 2962	6318.4		+0.115 5141	2740.9	
7.5	0.955 9069	2018.4	−5106	0.273 8685	6302.0	+14948	0.118 7989	2733.8	+6501
8.0	0.953 4495	2077.3		0.281 4209	6285.1		0.122 0750	2726.4	
8.5	0.950 9214	2136.2	5386	0.288 9527	6267.7	14870	0.125 3421	2718.7	6467
9.0	0.948 3227	2194.9		0.296 4633	6249.8		0.128 5999	2710.9	
9.5	0.945 6537	2253.3	5665	0.303 9521	6231.4	14787	0.131 8483	2703.0	6431
10.0	+0.942 9147	2311.5		+0.311 4185	6212.5		+0.135 0870	2694.8	
10.5	0.940 1061	2369.5	−5942	0.318 8620	6193.1	+14700	0.138 3157	2686.4	+6393
11.0	0.937 2281	2427.3		0.326 2819	6173.3		0.141 5342	2677.7	
11.5	0.934 2807	2484.9	6217	0.333 6777	6153.0	14609	0.144 7422	2668.8	6353
12.0	0.931 2643	2542.3		0.341 0489	6132.2		0.147 9393	2659.7	
12.5	0.928 1792	2599.5	6491	0.348 3948	6110.9	14513	0.151 1254	2650.4	6311

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Y	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Z	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)
April 12.5	+0.928 1792	2599.5	— 6491	+0.348 3948	6110.9	+14513	+0.151 1254	2650.4	+6311
13.0	0.925 0257	2656.3		0.355 7148	6089.1		0.154 3003	2640.9	
13.5	0.921 8042	2712.9	6763	0.363 0084	6066.9	14413	0.157 4637	2631.3	6268
14.0	0.918 5149	2769.3		0.370 2751	6044.2		0.160 6154	2621.5	
14.5	0.915 1581	2825.4	7032	0.377 5143	6021.0	14309	0.163 7552	2611.5	6223
15.0	0.911 7341	2881.2		0.384 7254	5997.4		0.166 8829	2601.3	
15.5	+0.908 2434	2936.7	— 7300	+0.391 9079	5973.4	+14201	+0.169 9982	2590.9	+6176
16.0	0.904 6862	2991.9		0.399 0613	5948.9		0.173 1009	2580.3	
16.5	0.901 0630	3046.8	7565	0.406 1852	5924.1	14089	0.176 1907	2569.5	6127
17.0	0.897 3740	3101.5		0.413 2791	5898.9		0.179 2675	2558.5	
17.5	0.893 6196	3155.9	7828	0.420 3425	5873.3	13972	0.182 3311	2547.4	6076
18.0	0.889 8001	3210.0		0.427 3748	5847.2		0.185 3812	2536.1	
18.5	+0.885 9158	3263.8	— 8089	+0.434 3756	5820.7	+13851	+0.188 4176	2524.6	+6024
19.0	0.881 9671	3317.4		0.441 3443	5793.8		0.191 4402	2513.0	
19.5	0.877 9542	3370.7	8347	0.448 2805	5766.6	13726	0.194 4487	2501.2	5970
20.0	0.873 8776	3423.7		0.455 1839	5739.0		0.197 4430	2489.3	
20.5	0.869 7375	3476.4	8603	0.462 0540	5711.0	13597	0.200 4229	2477.2	5914
21.0	0.865 5343	3528.8		0.468 8902	5682.6		0.203 3882	2464.9	
21.5	+0.861 2685	3580.8	— 8857	+0.475 6921	5653.8	+13464	+0.206 3386	2452.4	+5856
22.0	0.856 9404	3632.6		0.482 4592	5624.7		0.209 2739	2439.8	
22.5	0.852 5503	3684.2	9108	0.489 1912	5595.2	13328	0.212 1940	2427.0	5797
23.0	0.848 0985	3735.4		0.495 8876	5565.4		0.215 0987	2414.1	
23.5	0.843 5855	3786.3	9356	0.502 5479	5535.1	13187	0.217 9878	2401.0	5736
24.0	0.839 0115	3837.0		0.509 1716	5504.4		0.220 8611	2387.8	
24.5	+0.834 3768	3887.4	— 9601	+0.515 7583	5473.4	+13043	+0.223 7184	2374.4	+5673
25.0	0.829 6818	3937.5		0.522 3077	5442.1		0.226 5595	2360.8	
25.5	0.824 9270	3987.2	9844	0.528 8193	5410.5	12895	0.229 3843	2347.1	5609
26.0	0.820 1126	4036.7		0.535 2927	5378.5		0.232 1925	2333.2	
26.5	0.815 2390	4085.9	10084	0.541 7275	5346.1	12744	0.234 9840	2319.2	5543
27.0	0.810 3066	4134.8		0.548 1232	5313.4		0.237 7586	2305.0	
27.5	+0.805 3157	4183.4	—10321	+0.554 4794	5280.3	+12589	+0.240 5161	2290.7	+5475
28.0	0.800 2666	4231.7		0.560 7957	5246.9		0.243 2562	2276.2	
28.5	0.795 1597	4279.7	10555	0.567 0718	5213.1	12430	0.245 9788	2261.6	5406
29.0	0.789 9954	4327.4		0.573 3071	5179.0		0.248 6838	2246.8	
29.5	0.784 7741	4374.8	10786	0.579 5012	5144.5	12267	0.251 3710	2231.9	5335
30.0	0.779 4960	4422.0		0.585 6538	5109.7		0.254 0402	2216.8	
30.5	+0.774 1615	4468.8	—11014	+0.591 7644	5074.6	+12101	+0.256 6913	2201.5	+5263
Mai 1.0	0.768 7710	4515.3		0.597 8327	5039.1		0.259 3239	2186.1	
1.5	0.763 3249	4561.5	11239	0.603 8580	5003.2	11931	0.261 9379	2170.5	5189
2.0	0.757 8236	4607.3		0.609 8401	4966.9		0.264 5331	2154.8	
2.5	0.752 2674	4652.9	11460	0.615 7785	4930.3	11758	0.267 1093	2138.9	5113
3.0	0.746 6567	4698.2		0.621 6728	4893.4		0.269 6663	2122.8	

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	*X*	Stündliche Änderung	Reduktion auf 1925.0	*Y*	Stündliche Änderung	Reduktion auf 1925.0	*Z*	Stündliche Änderung	Reduktion auf 1925.0
		Einheit: 7. Dez.			Einheit: 7. Dez.			Einheit: 7. Dez.	
Mai 3.0	+0.746 6567	4698.2		+0.621 6728	4893.4		+0.269 6663	2122.8	
3.5	0.740 9918	4743.2	−11678	0.627 5226	4856.1	+11581	0.272 2040	2106.6	+5036
4.0	0.735 2731	4787.9		0.633 3275	4818.5		0.274 7222	2090.3	
4.5	0.729 5010	4832.2	11893	0.639 0869	4780.5	11401	0.277 2206	2073.8	4958
5.0	0.723 6760	4876.1		0.644 8005	4742.1		0.279 6991	2057.1	
5.5	0.717 7985	4919.7	12104	0.650 4678	4703.3	11218	0.282 1575	2040.2	4878
6.0	+0.711 8689	4963.0		+0.656 0884	4664.2		+0.284 5956	2023.2	
6.5	0.705 8876	5005.9	−12312	0.661 6618	4624.7	+11032	0.287 0132	2006.0	+4797
7.0	0.699 8550	5048.4		0.667 1876	4584.9		0.289 4101	1988.7	
7.5	0.693 7716	5090.6	12516	0.672 6655	4544.8	10842	0.291 7861	1971.3	4715
8.0	0.687 6378	5132.4		0.678 0950	4504.3		0.294 1411	1953.7	
8.5	0.681 4540	5173.8	12717	0.683 4756	4463.4	10649	0.296 4749	1935.9	4631
9.0	+0.675 2208	5214.7		+0.688 8069	4422.1		+0.298 7872	1918.0	
9.5	0.668 9388	5255.2	−12914	0.694 0885	4380.5	+10453	0.301 0779	1899.9	+4546
10.0	0.662 6085	5295.3		0.699 3199	4338.6		0.303 3469	1881.7	
10.5	0.656 2303	5334.9	13107	0.704 5008	4296.3	10254	0.305 5939	1863.3	4460
11.0	0.649 8048	5374.2		0.709 6308	4253.7		0.307 8188	1844.8	
11.5	0.643 3324	5413.1	13297	0.714 7095	4210.8	10052	0.310 0215	1826.2	4372
12.0	+0.636 8136	5451.5		+0.719 7366	4167.6		+0.312 2017	1807.5	
12.5	0.630 2491	5489.4	−13483	0.724 7116	4124.1	+ 9848	0.314 3594	1788.6	+4283
13.0	0.623 6393	5526.8		0.729 6343	4080.3		0.316 4944	1769.6	
13.5	0.616 9849	5563.8	13665	0.734 5043	4036.3	9641	0.318 6065	1750.5	4193
14.0	0.610 2863	5600.4		0.739 3213	3992.0		0.320 6956	1731.3	
14.5	0.603 5442	5636.5	13843	0.744 0851	3947.5	9430	0.322 7617	1712.0	4102
15.0	+0.596 7590	5672.1		+0.748 7952	3902.7		+0.324 8045	1692.6	
15.5	0.589 9313	5707.3	−14017	0.753 4514	3857.6	+ 9217	0.326 8239	1673.1	+4009
16.0	0.583 0615	5742.1		0.758 0534	3812.3		0.328 8199	1653.5	
16.5	0.576 1503	5776.4	14187	0.762 6008	3766.8	9001	0.330 7922	1633.7	3915
17.0	0.569 1982	5810.3		0.767 0934	3721.0		0.332 7408	1613.9	
17.5	0.562 2057	5843.8	14353	0.771 5310	3675.0	8783	0.334 6656	1594.0	3820
18.0	+0.555 1733	5876.8		+0.775 9132	3628.7		+0.336 5663	1573.9	
18.5	0.548 1016	5909.3	−14515	0.780 2398	3582.3	+ 8562	0.338 4429	1553.8	+3724
19.0	0.540 9911	5941.4		0.784 5106	3535.7		0.340 2954	1533.6	
19.5	0.533 8424	5973.0	14672	0.788 7254	3488.9	8339	0.342 1236	1513.4	3627
20.0	0.526 6560	6004.3		0.792 8839	3441.8		0.343 9275	1493.0	
20.5	0.519 4323	6035.1	14825	0.796 9857	3394.5	8113	0.345 7068	1472.5	3528
21.0	+0.512 1719	6065.4		+0.801 0307	3347.0		+0.347 4615	1451.9	
21.5	0.504 8754	6095.4	−14974	0.805 0186	3299.3	+ 7886	0.349 1914	1431.2	+3429
22.0	0.497 5432	6124.9		0.808 9490	3251.4		0.350 8965	1410.5	
22.5	0.490 1758	6154.0	15119	0.812 8218	3203.3	7656	0.352 5766	1389.7	3329
23.0	0.482 7738	6182.6		0.816 6368	3155.1		0.354 2317	1368.9	
23.5	0.475 3378	6210.7	15260	0.820 3940	3106.8	7424	0.355 8618	1347.9	3228

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Y	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Z	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)
Mai 23.5	+0.475 3378	6210.7	−15260	+0.820 3940	3106.8	+7424	+0.355 8618	1347.9	+3228
24.0	0.467 8683	6238.4		0.824 0930	3058.2		0.357 4666	1326.8	
24.5	0.460 3658	6265.7	15396	0.827 7336	3009.4	7189	0.359 0461	1305.6	3126
25.0	0.452 8308	6292.6		0.831 3155	2960.4		0.360 6001	1284.4	
25.5	0.445 2636	6319.1	15528	0.834 8385	2911.2	6952	0.362 1286	1263.1	3023
26.0	0.437 6649	6345.1		0.838 3025	2861.9		0.363 6315	1241.7	
26.5	+0.430 0353	6370.7	−15655	+0.841 7071	2812.4	+6714	+0.365 1087	1220.3	+2919
27.0	0.422 3753	6395.9		0.845 0523	2762.8		0.366 5602	1198.8	
27.5	0.414 6853	6420.7	15778	0.848 3378	2713.0	6474	0.367 9858	1177.2	2815
28.0	0.406 9657	6445.1		0.851 5634	2662.9		0.369 3853	1155.4	
28.5	0.399 2171	6469.1	15897	0.854 7288	2612.7	6232	0.370 7587	1133.5	2710
29.0	0.391 4401	6492.6		0.857 8338	2562.3		0.372 1058	1111.6	
29.5	+0.383 6351	6515.7	−16011	+0.860 8783	2511.7	+5988	+0.373 4266	1089.7	+2604
30.0	0.375 8027	6538.3		0.863 8620	2461.0		0.374 7211	1067.8	
30.5	0.367 9434	6560.4	16121	0.866 7847	2410.2	5743	0.375 9892	1045.7	2497
31.0	0.360 0578	6582.2		0.869 6463	2359.1		0.377 2307	1023.5	
31.5	0.352 1463	6603.6	16226	0.872 4465	2307.8	5496	0.378 4455	1001.2	2390
Juni 1.0	0.344 2093	6624.6		0.875 1850	2256.3		0.379 6335	978.8	
1.5	+0.336 2475	6645.0	−16327	+0.877 8616	2204.7	+5247	+0.380 7947	956.4	+2282
2.0	0.328 2616	6664.9		0.880 4762	2152.9		0.381 9289	933.9	
2.5	0.320 2520	6684.4	16423	0.883 0285	2100.9	4997	0.383 0360	911.3	2173
3.0	0.312 2193	6703.6		0.885 5182	2048.7		0.384 1159	888.6	
3.5	0.304 1639	6722.1	16514	0.887 9452	1996.3	4745	0.385 1686	865.9	2064
4.0	0.296 0865	6740.1		0.890 3092	1943.8		0.386 1940	843.1	
4.5	+0.287 9878	6757.7	−16600	+0.892 6102	1891.1	+4492	+0.387 1920	820.2	+1954
5.0	0.279 8682	6774.8		0.894 8478	1838.2		0.388 1624	797.2	
5.5	0.271 7284	6791.4	16682	0.897 0218	1785.2	4237	0.389 1052	774.1	1843
6.0	0.263 5690	6807.5		0.899 1321	1732.0		0.390 0203	751.0	
6.5	0.255 3907	6823.0	16759	0.901 1786	1678.7	3982	0.390 9077	727.9	1732
7.0	0.247 1941	6838.0		0.903 1611	1625.3		0.391 7673	704.7	
7.5	+0.238 9797	6852.6	−16831	+0.905 0793	1571.7	+3725	+0.392 5990	681.4	+1620
8.0	0.230 7481	6866.6		0.906 9331	1518.0		0.393 4028	658.1	
8.5	0.222 5001	6880.0	16898	0.908 7224	1464.2	3467	0.394 1785	634.8	1508
9.0	0.214 2363	6892.9		0.910 4471	1410.2		0.394 9262	611.4	
9.5	0.205 9573	6905.3	16961	0.912 1070	1356.2	3208	0.395 6458	588.0	1395
10.0	0.197 6638	6917.1		0.913 7020	1302.1		0.396 3374	564.6	
10.5	+0.189 3564	6928.5	−17019	+0.915 2321	1248.0	+2948	+0.397 0008	541.1	+1282
11.0	0.181 0357	6939.3		0.916 6972	1193.8		0.397 6360	517.6	
11.5	0.172 7023	6949.5	17072	0.918 0972	1139.5	2688	0.398 2430	494.1	1169
12.0	0.164 3570	6959.2		0.919 4319	1085.1		0.398 8218	470.5	
12.5	0.156 0003	6968.5	17121	0.920 7014	1030.7	2427	0.399 3722	446.9	1055
13.0	0.147 6328	6977.2		0.921 9056	976.3		0.399 8943	423.3	

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung	Reduktion auf 1925.0	Y	Stündliche Änderung	Reduktion auf 1925.0	Z	Stündliche Änderung	Reduktion auf 1925.0
		Einheit: 7. Dez.			Einheit: 7. Dez.			Einheit: 7. Dez.	
Juni 13.0	+0.147 6328	6977.2		+0.921 9056	976.3		+0.399 8943	423.3	
13.5	0.139 2552	6985.4	—17164	0.923 0445	921.8	+2165	0.400 3881	399.7	+ 941
14.0	0.130 8681	6993.0		0.924 1180	867.3		0.400 8536	376.1	
14.5	0.122 4721	7000.2	17202	0.925 1261	812.8	1902	0.401 2908	352.5	827
15.0	0.114 0678	7006.9		0.926 0687	758.2		0.401 6996	328.8	
15.5	0.105 6558	7013.0	17235	0.926 9459	703.7	1639	0.402 0800	305.2	712
16.0	+0.097 2367	7018.7		+0.927 7576	649.1		+0.402 4321	281.6	
16.5	0.088 8111	7023.9	—17264	0.928 5037	594.5	+1376	0.402 7558	257.9	+ 598
17.0	0.080 3796	7028.5		0.929 1844	540.0		0.403 0511	234.3	
17.5	0.071 9428	7032.7	17288	0.929 7996	485.4	1112	0.403 3181	210.6	483
18.0	0.063 5013	7036.4		0.930 3493	430.8		0.403 5566	186.9	
18.5	0.055 0557	7039.5	17307	0.930 8335	376.2	848	0.403 7667	163.3	368
19.0	+0.046 6066	7042.2		+0.931 2521	321.5		+0.403 9485	139.7	
19.5	0.038 1545	7044.5	—17321	0.931 6051	266.9	+ 583	0.404 1019	116.0	+ 253
20.0	0.029 7000	7046.2		0.931 8926	212.4		0.404 2269	92.3	
20.5	0.021 2437	7047.5	17330	0.932 1148	157.9	319	0.404 3235	68.7	138
21.0	0.012 7861	7048.3		0.932 2715	103.3		0.404 3918	45.1	
21.5	+0.004 3279	7048.6	17335	0.932 3628	48.8	+ 54	0.404 4317	21.5	+ 23
22.0	—0.004 1304	7048.5		+0.932 3886	5.7		+0.404 4433	2.1	
22.5	0.012 5883	7047.9	—17334	0.932 3491	60.1	— 211	0.404 4266	25.7	— 92
23.0	0.021 0452	7046.8		0.932 2443	114.5		0.404 3815	49.4	
23.5	0.029 5005	7045.2	17329	0.932 0742	168.9	475	0.404 3081	73.0	207
24.0	0.037 9536	7043.2		0.931 8389	223.3		0.404 2064	96.6	
24.5	0.046 4041	7040.8	17319	0.931 5383	277.7	740	0.404 0763	120.2	322
25.0	—0.054 8515	7038.0		+0.931 1724	332.1		+0.403 9179	143.8	
25.5	0.063 2952	7034.7	—17304	0.930 7413	386.5	—1004	0.403 7312	167.4	— 437
26.0	0.071 7345	7030.8		0.930 2449	440.8		0.403 5162	191.0	
26.5	0.080 1690	7026.5	17284	0.929 6834	495.1	1268	0.403 2729	214.5	552
27.0	0.088 5980	7021.8		0.929 0568	549.3		0.403 0013	238.1	
27.5	0.097 0211	7016.7	17259	0.928 3651	603.6	1531	0.402 7015	261.6	666
28.0	—0.105 4378	7011.1		+0.927 6082	657.8		+0.402 3734	285.2	
28.5	0.113 8475	7004.9	—17229	0.926 7863	712.0	—1794	0.402 0170	308.8	— 781
29.0	0.122 2495	6998.3		0.925 8993	766.3		0.401 6323	332.3	
29.5	0.130 6433	6991.3	17195	0.924 9472	820.5	2057	0.401 2194	355.9	895
30.0	0.139 0284	6983.7		0.923 9301	874.7		0.400 7782	379.4	
30.5	0.147 4041	6975.7	17156	0.922 8479	928.9	2319	0.400 3088	403.0	1009
Juli 1.0	—0.155 7699	6967.2		+0.921 7007	983.0		+0.399 8111	426.5	
1.5	0.164 1251	6958.1	—17112	0.920 4887	1037.0	—2580	0.399 2853	450.0	—1123
2.0	0.172 4692	6948.6		0.919 2119	1091.0		0.398 7312	473.5	
2.5	0.180 8016	6938.6	17063	0.917 8703	1145.1	2841	0.398 1489	497.0	1236
3.0	0.189 1217	6928.0		0.916 4638	1199.2		0.397 5385	520.4	
3.5	0.197 4287	6916.9	17009	0.914 9924	1253.2	3101	0.396 9000	543.9	1349

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Y	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Z	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)
Juli 3.5	−0.197 4287	6916.9	−17009	+0.914 9924	1253.2	−3101	+0.396 9000	543.9	−1349
4.0	0.205 7221	6905.3		0.913 4563	1307.0		0.396 2334	567.3	
4.5	0.214 0013	6893.2	16950	0.911 8557	1360.7	3360	0.395 5388	590.6	1462
5.0	0.222 2657	6880.6		0.910 1907	1414.4		0.394 8161	613.9	
5.5	0.230 5147	6867.5	16887	0.908 4613	1468.0	3618	0.394 0655	637.1	1574
6.0	0.238 7475	6853.8		0.906 6675	1521.6		0.393 2871	660.3	
6.5	−0.246 9636	6839.6	−16819	+0.904 8094	1575.1	−3876	+0.392 4809	683.5	−1686
7.0	0.255 1624	6824.9		0.902 8873	1628.4		0.391 6468	706.7	
7.5	0.263 3432	6809.6	16746	0.900 9013	1681.6	4132	0.390 7849	729.8	1797
8.0	0.271 5053	6793.8		0.898 8515	1734.7		0.389 8954	752.8	
8.5	0.279 6482	6777.6	16668	0.896 7380	1787.7	4387	0.388 9783	775.8	1908
9.0	0.287 7713	6760.8		0.894 5609	1840.6		0.388 0336	798.7	
9.5	−0.295 8739	6743.4	−16586	+0.892 3206	1893.3	−4641	+0.387 0615	821.5	−2018
10.0	0.303 9553	6725.6		0.890 0171	1945.8		0.386 0621	844.2	
10.5	0.312 0150	6707.3	16499	0.887 6507	1998.1	4893	0.385 0354	866.9	2128
11.0	0.320 0526	6688.5		0.885 2216	2050.3		0.383 9816	889.5	
11.5	0.328 0673	6669.2	16408	0.882 7300	2102.3	5144	0.382 9006	912.0	2237
12.0	0.336 0585	6649.4		0.880 1760	2154.2		0.381 7927	934.5	
12.5	−0.344 0258	6629.2	−16312	+0.877 5600	2205.9	−5394	+0.380 6579	956.9	−2345
13.0	0.351 9685	6608.5		0.874 8820	2257.4		0.379 4962	979.2	
13.5	0.359 8860	6587.3	16211	0.872 1423	2308.7	5642	0.378 3078	1001.5	2453
14.0	0.367 7777	6565.6		0.869 3412	2359.8		0.377 0927	1023.6	
14.5	0.375 6432	6543.5	16105	0.866 4788	2410.8	5888	0.375 8511	1045.6	2560
15.0	0.383 4819	6520.9		0.863 5554	2461.6		0.374 5832	1067.6	
15.5	−0.391 2932	6497.9	−15995	+0.860 5712	2512.1	−6133	+0.373 2889	1089.5	−2667
16.0	0.399 0766	6474.4		0.857 5265	2562.4		0.371 9684	1111.3	
16.5	0.406 8316	6450.5	15880	0.854 4216	2612.5	6376	0.370 6218	1133.0	2773
17.0	0.414 5576	6426.1		0.851 2566	2662.5		0.369 2492	1154.7	
17.5	0.422 2541	6401.3	15761	0.848 0318	2712.2	6617	0.367 8506	1176.3	2878
18.0	0.429 9205	6376.0		0.844 7475	2761.7		0.366 4262	1197.7	
18.5	−0.437 5563	6350.3	−15638	+0.841 4038	2811.0	−6857	+0.364 9761	1219.1	−2982
19.0	0.445 1610	6324.2		0.838 0011	2860.1		0.363 5005	1240.4	
19.5	0.452 7342	6297.7	15510	0.834 5397	2909.0	7094	0.361 9993	1261.6	3085
20.0	0.460 2753	6270.8		0.831 0198	2957.6		0.360 4728	1282.6	
20.5	0.467 7839	6243.4	15378	0.827 4416	3006.0	7329	0.358 9211	1303.6	3187
21.0	0.475 2594	6215.6		0.823 8055	3054.2		0.357 3442	1324.6	
21.5	−0.482 7013	6187.5	−15241	+0.820 1116	3102.3	−7562	+0.355 7422	1345.5	−3289
22.0	0.490 1092	6159.0		0.816 3601	3150.1		0.354 1152	1366.2	
22.5	0.497 4827	6130.1	15100	0.812 5514	3197.6	7793	0.352 4634	1386.7	3390
23.0	0.504 8212	6100.7		0.808 6858	3244.9		0.350 7870	1407.3	
23.5	0.512 1242	6070.9	14955	0.804 7636	3292.0	8022	0.349 0860	1427.8	3489
24.0	0.519 3913	6040.8		0.800 7850	3338.9		0.347 3604	1448.2	

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Y	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Z	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)
Juli 24.0	—0.519 3913	6040.8		+0.800 7850	3338.9		+0.347 3604	1448.2	
24.5	0.526 6220	6010.3	—14806	0.796 7502	3385.7	— 8249	0.345 6105	1468.5	—3588
25.0	0.533 8158	5979.4		0.792 6594	3432.3		0.343 8362	1488.7	
25.5	0.540 9723	5948.1	14653	0.788 5128	3478.6	8473	0.342 0376	1508.9	3685
26.0	0.548 0911	5916.4		0.784 3107	3524.8		0.340 2149	1528.9	
26.5	0.555 1716	5884.3	14496	0.780 0533	3570.8	8695	0.338 3683	1548.8	3782
27.0	—0.562 2132	5851.7		+0.775 7409	3616.5		+0.336 4978	1568.7	
27.5	0.569 2156	5818.8	—14334	0.771 3737	3662.0	— 8915	0.334 6035	1588.5	—3877
28.0	0.576 1782	5785.5		0.766 9520	3707.3		0.332 6854	1608.2	
28.5	0.583 1005	5751.7	14168	0.762 4762	3752.3	9132	0.330 7438	1627.8	3972
29.0	0.589 9820	5717.5		0.757 9465	3797.1		0.328 7788	1647.3	
29.5	0.596 8222	5682.9	13999	0.753 3631	3841.8	9346	0.326 7904	1666.7	4065
30.0	—0.603 6207	5647.8		+0.748 7262	3886.3		+0.324 7788	1686.0	
30.5	0.610 3768	5612.3	—13825	0.744 0361	3930.5	— 9558	0.322 7441	1705.2	—4157
31.0	0.617 0900	5576.4		0.739 2931	3974.5		0.320 6864	1724.3	
31.5	0.623 7599	5540.0	13647	0.734 4975	4018.2	9767	0.318 6059	1743.2	4248
Aug. 1.0	0.630 3859	5503.2		0.729 6496	4061.6		0.316 5027	1762.0	
1.5	0.636 9674	5465.9	13465	0.724 7498	4104.8	9973	0.314 3770	1780.8	4338
2.0	—0.643 5039	5428.2		+0.719 7983	4147.7		+0.312 2288	1799.5	
2.5	0.649 9950	5390.2	—13280	0.714 7955	4190.3	—10177	0.310 0583	1818.0	—4427
3.0	0.656 4402	5351.7		0.709 7417	4232.7		0.307 8657	1836.4	
3.5	0.662 8389	5312.7	13091	0.704 6371	4274.8	10378	0.305 6512	1854.6	4514
4.0	0.669 1905	5273.3		0.699 4823	4316.6		0.303 4148	1872.7	
4.5	0.675 4946	5233.5	12898	0.694 2776	4358.0	10576	0.301 1568	1890.6	4600
5.0	—0.681 7507	5193.3		+0.689 0233	4399.1		+0.298 8774	1908.4	
5.5	0.687 9583	5152.6	—12702	0.683 7198	4440.0	—10771	0.296 5766	1926.1	—4685
6.0	0.694 1169	5111.6		0.678 3674	4480.6		0.294 2546	1943.7	
6.5	0.700 2260	5070.2	12502	0.672 9666	4520.7	10963	0.291 9117	1961.1	4768
7.0	0.706 2852	5028.4		0.667 5179	4560.5		0.289 5480	1978.3	
7.5	0.712 2940	4986.2	12298	0.662 0216	4600.0	11152	0.287 1637	1995.4	4850
8.0	—0.718 2519	4943.6		+0.656 4781	4639.1		+0.284 7590	2012.4	
8.5	0.724 1584	4900.6	—12091	0.650 8879	4677.9	—11337	0.282 3340	2029.2	—4930
9.0	0.730 0131	4857.2		0.645 2514	4716.3		0.279 8889	2045.8	
9.5	0.735 8156	4813.6	11881	0.639 5689	4754.4	11519	0.277 4240	2062.3	5009
10.0	0.741 5656	4769.6		0.633 8409	4792.2		0.274 9394	2078.7	
10.5	0.747 2625	4725.1	11667	0.628 0678	4829.6	11698	0.272 4353	2094.9	5087
11.0	—0.752 9058	4680.3		+0.622 2501	4866.5		+0.269 9118	2110.9	
11.5	0.758 4952	4635.3	—11450	0.616 3883	4903.1	—11873	0.267 3692	2126.7	—5163
12.0	0.764 0304	4590.0		0.610 4827	4939.4		0.264 8077	2142.4	
12.5	0.769 5110	4544.3	11229	0.604 5338	4975.3	12045	0.262 2274	2158.0	5238
13.0	0.774 9365	4498.2		0.598 5420	5010.8		0.259 6286	2173.4	
13.5	0.780 3065	4451.8	11005	0.592 5078	5046.0	12214	0.257 0114	2188.6	5312

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Y	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Z	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)
Aug. 13.5	—0.780 3065	4451.8	—11005	+0.592 5078	5046.0	—12214	+0.257 0114	2188.6	—5312
14.0	0.785 6207	4405.1		0.586 4317	5080.8		0.254 3761	2203.7	
14.5	0.790 8787	4358.1	10778	0.580 3141	5115.2	12379	0.251 7228	2218.6	5384
15.0	0.796 0801	4310.8		0.574 1554	5149.2		0.249 0516	2233.3	
15.5	0.801 2246	4263.3	10548	0.567 9561	5182.8	12541	0.246 3628	2247.9	5454
16.0	0.806 3119	4215.4		0.561 7167	5216.1		0.243 6566	2262.3	
16.5	—0.811 3415	4167.2	—10315	+0.555 4376	5249.0	—12699	+0.240 9332	2276.6	—5523
17.0	0.816 3131	4118.8		0.549 1192	5281.5		0.238 1928	2290.7	
17.5	0.821 2264	4070.1	10079	0.542 7620	5313.7	12853	0.235 4356	2304.6	5590
18.0	0.826 0812	4021.1		0.536 3664	5345.5		0.232 6617	2318.4	
18.5	0.830 8770	3971.9	9840	0.529 9329	5376.9	13004	0.229 8714	2332.1	5656
19.0	0.835 6136	3922.4		0.523 4620	5407.9		0.227 0648	2345.6	
19.5	—0.840 2906	3872.7	— 9599	+0.516 9541	5438.5	—13151	+0.224 2421	2358.9	—5720
20.0	0.844 9079	3822.8		0.510 4097	5468.8		0.221 4036	2372.0	
20.5	0.849 4651	3772.5	9355	0.503 8292	5498.7	13295	0.218 5494	2385.0	5782
21.0	0.853 9618	3721.9		0.497 2129	5528.3		0.215 6796	2397.9	
21.5	0.858 3977	3671.2	9108	0.490 5614	5557.5	13435	0.212 7945	2410.6	5843
22.0	0.862 7727	3620.3		0.483 8750	5586.4		0.209 8942	2423.1	
22.5	—0.867 0864	3569.1	— 8859	+0.477 1542	5614.9	—13570	+0.206 9790	2435.5	—5902
23.0	0.871 3385	3517.7		0.470 3994	5643.0		0.204 0490	2447.8	
23.5	0.875 5287	3466.0	8607	0.463 6111	5670.8	13702	0.201 1044	2459.9	5959
24.0	0.879 6567	3414.0		0.456 7896	5698.3		0.198 1454	2471.8	
24.5	0.883 7221	3361.6	8353	0.449 9354	5725.4	13830	0.195 1721	2483.6	6015
25.0	0.887 7245	3309.0		0.443 0489	5752.1		0.192 1848	2495.2	
25.5	—0.891 6637	3256.3	— 8096	+0.436 1306	5778.4	—13954	+0.189 1837	2506.7	—6069
26.0	0.895 5395	3203.3		0.429 1808	5804.4		0.186 1689	2518.0	
26.5	0.899 3514	3149.9	7837	0.422 2000	5830.1	14074	0.183 1406	2529.2	6121
27.0	0.903 0992	3096.3		0.415 1886	5855.4		0.180 0990	2540.2	
27.5	0.906 7824	3042.4	7576	0.408 1471	5880.3	14190	0.177 0443	2551.0	6171
28.0	0.910 4008	2988.2		0.401 0760	5904.8		0.173 9767	2561.6	
28.5	—0.913 9540	2933.8	— 7312	+0.393 9759	5928.8	—14302	+0.170 8965	2572.0	—6220
29.0	0.917 4418	2879.1		0.386 8471	5952.4		0.167 8039	2582.3	
29.5	0.920 8638	2824.2	7046	0.379 6902	5975.7	14410	0.164 6991	2592.4	6267
30.0	0.924 2197	2769.0		0.372 5056	5998.6		0.161 5823	2602.3	
30.5	0.927 5092	2713.5	6778	0.365 2938	6021.1	14513	0.158 4537	2612.1	6312
31.0	0.930 7319	2657.7		0.358 0553	6043.1		0.155 3134	2621.6	
31.5	—0.933 8874	2601.6	— 6508	+0.350 7906	6064.7	—14612	+0.152 1618	2630.9	—6355
Sept. 1.0	0.936 9756	2545.3		0.343 5003	6085.8		0.148 9992	2640.0	
1.5	0.939 9961	2488.9	6237	0.336 1850	6106.4	14708	0.145 8258	2649.0	6396
2.0	0.942 9488	2432.2		0.328 8452	6126.6		0.142 6417	2657.8	
2.5	0.945 8334	2375.3	5964	0.321 4814	6146.4	14799	0.139 4472	2666.4	6436
3.0	0.948 6495	2318.2		0.314 0941	6165.8		0.136 2426	2674.7	

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung	Reduktion auf 1925.0	Y	Stündliche Änderung	Reduktion auf 1925.0	Z	Stündliche Änderung	Reduktion auf 1925.0
		Einheit: 7. Dez.			Einheit: 7. Dez.			Einheit: 7. Dez.	
Sept. 3.0	−0.948 6495	2318.2		+0.314 0941	6165.8		+0.136 2426	2674.7	
3.5	0.951 3969	2260.8	−5689	0.306 6838	6184.7	−14886	0.133 0281	2682.8	−6474
4.0	0.954 0753	2203.1		0.299 2511	6203.1		0.129 8040	2690.7	
4.5	0.956 6844	2145.3	5412	0.291 7967	6220.9	14968	0.126 5705	2698.4	6510
5.0	0.959 2242	2087.5		0.284 3212	6238.3		0.123 3278	2706.0	
5.5	0.961 6944	2029.4	5133	0.276 8250	6255.3	15046	0.120 0761	2713.4	6544
6.0	−0.964 0947	1971.1		+0.269 3087	6271.8		+0.116 8157	2720.5	
6.5	0.966 4249	1912.6	−4853	0.261 7729	6287.8	−15120	0.113 5469	2727.4	−6576
7.0	0.968 6849	1854.0		0.254 2182	6303.3		0.110 2699	2734.2	
7.5	0.970 8745	1795.3	4572	0.246 6451	6318.4	15189	0.106 9850	2740.7	6606
8.0	0.972 9935	1736.4		0.239 0543	6332.9		0.103 6924	2747.0	
8.5	0.975 0418	1677.4	4289	0.231 4463	6347.0	15254	0.100 3924	2753.0	6634
9.0	−0.977 0192	1618.2		+0.223 8216	6360.7		+0.097 0853	2758.9	
9.5	0.978 9254	1558.8	−4005	0.216 1809	6373.8	−15315	0.093 7712	2764.6	−6660
10.0	0.980 7603	1499.3		0.208 5247	6386.5		0.090 4504	2770.1	
10.5	0.982 5238	1439.8	3720	0.200 8536	6398.6	15371	0.087 1231	2775.4	6685
11.0	0.984 2159	1380.2		0.193 1682	6410.3		0.083 7897	2780.4	
11.5	0.985 8363	1320.4	3434	0.185 4690	6421.5	15423	0.080 4503	2785.2	6708
12.0	−0.987 3849	1260.6		+0.177 7567	6432.3		+0.077 1053	2789.8	
12.5	0.988 8617	1200.7	−3147	0.170 0317	6442.6	−15470	0.073 7548	2794.2	−6729
13.0	0.990 2665	1140.7		0.162 2947	6452.3		0.070 3991	2798.5	
13.5	0.991 5993	1080.6	2859	0.154 5464	6461.6	15513	0.067 0384	2802.6	6747
14.0	0.992 8599	1020.5		0.146 7872	6470.4		0.063 6729	2806.4	
14.5	0.994 0484	960.3	2570	0.139 0177	6478.7	15551	0.060 3030	2810.0	6763
15.0	−0.995 1646	900.1		+0.131 2384	6486.6		+0.056 9289	2813.4	
15.5	0.996 2085	839.7	−2281	0.123 4500	6494.0	−15585	0.053 5508	2816.7	−6777
16.0	0.997 1799	779.3		0.115 6529	6501.0		0.050 1689	2819.7	
16.5	0.998 0788	718.9	1991	0.107 8477	6507.5	15614	0.046 7835	2822.5	6790
17.0	0.998 9052	658.5		0.100 0350	6513.5		0.043 3949	2825.1	
17.5	0.999 6591	598.0	1700	0.092 2154	6519.1	15638	0.040 0032	2827.6	6801
18.0	−1.000 3405	537.6		+0.084 3893	6524.3		+0.036 6086	2829.9	
18.5	1.000 9494	477.1	−1409	0.076 5573	6529.0	−15658	0.033 2114	2832.0	−6809
19.0	1.001 4856	416.5		0.068 7199	6533.3		0.029 8118	2833.9	
19.5	1.001 9491	355.9	1118	0.060 8777	6537.1	15673	0.026 4100	2835.6	6816
20.0	1.002 3398	295.3		0.053 0311	6540.5		0.023 0063	2837.1	
20.5	1.002 6577	234.6	826	0.045 1807	6543.5	15684	0.019 6009	2838.4	6821
21.0	−1.002 9027	173.8		+0.037 3271	6546.0		+0.016 1941	2839.5	
21.5	1.003 0748	113.0	− 534	0.029 4706	6548.1	−15690	0.012 7860	2840.5	−6824
22.0	1.003 1739	52.2		0.021 6118	6549.8		0.009 3769	2841.3	
22.5	1.003 2001	8.7	− 241	0.013 7512	6551.0	15692	0.005 9669	2841.9	6825
23.0	1.003 1532	69.6		+0.005 8894	6551.8		+0.002 5564	2842.2	
23.5	1.003 0331	130.6	+ 51	−0.001 9730	6552.1	15689	−0.000 8544	2842.4	6823

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung	Reduktion auf 1925.0	Y	Stündliche Änderung	Reduktion auf 1925.0	Z	Stündliche Änderung	Reduktion auf 1925.0
		Einheit: 7. Dez.			Einheit: 7. Dez.			Einheit: 7. Dez.	
Sept. 23.5	—1.003 0331	130.6	+ 51	—0.001 9730	6552.1	—15689	—0.000 8544	2842.4	—6823
24.0	1.002 8397	191.7		0.009 8356	6552.1		0.004 2652	2842.4	
24.5	1.002 5730	252.8	343	0.017 6979	6551.6	15682	0.007 6760	2842.2	6820
25.0	1.002 2329	314.0		0.025 5592	6550.5		0.011 0864	2841.8	
25.5	1.001 8194	375.2	635	0.033 4190	6549.0	15670	0.014 4961	2841.1	6815
26.0	1.001 3325	436.4		0.041 2767	6547.1		0.017 9049	2840.2	
26.5	—1.000 7722	497.6	+ 927	—0.049 1319	6544.7	—15653	—0.021 3126	2839.2	—6808
27.0	1.000 1383	558.9		0.056 9838	6541.7		0.024 7189	2837.9	
27.5	0.999 4308	620.2	1219	0.064 8319	6538.3	15632	0.028 1235	2836.4	6799
28.0	0.998 6497	681.6		0.072 6756	6534.4		0.031 5262	2834.7	
28.5	0.997 7949	743.0	1511	0.080 5144	6530.0	15606	0.034 9267	2832.8	6788
29.0	0.996 8664	804.4		0.088 3475	6525.1		0.038 3247	2830.6	
29.5	—0.995 8643	865.7	+1802	—0.096 1744	6519.7	—15576	—0.041 7200	2828.2	—6774
30.0	0.994 7887	927.0		0.103 9945	6513.8		0.045 1124	2825.6	
30.5	0.993 6395	988.3	2093	0.111 8072	6507.4	15541	0.048 5016	2822.8	6758
Okt. 1.0	0.992 4167	1049.6		0.119 6120	6500.5		0.051 8872	2819.8	
1.5	0.991 1204	1110.9	2383	0.127 4081	6493.0	15501	0.055 2690	2816.6	6741
2.0	0.989 7506	1172.1		0.135 1950	6485.0		0.058 6468	2813.1	
2.5	—0.988 3073	1233.3	+2672	—0.142 9720	6476.5	—15457	—0.062 0203	2809.4	—6722
3.0	0.986 7907	1294.4		0.150 7385	6467.6		0.065 3892	2805.4	
3.5	0.985 2008	1355.4	2961	0.158 4940	6458.1	15408	0.068 7533	2801.3	6701
4.0	0.983 5377	1416.4		0.166 2378	6448.1		0.072 1123	2797.0	
4.5	0.981 8014	1477.3	3249	0.173 9693	6437.6	15355	0.075 4659	2792.4	6677
5.0	0.979 9922	1538.1		0.181 6878	6426.6		0.078 8138	2787.5	
5.5	—0.978 1101	1598.8	+3536	—0.189 3928	6415.0	—15297	—0.082 1558	2782.4	—6652
6.0	0.976 1552	1659.4		0.197 0836	6403.0		0.085 4916	2777.2	
6.5	0.974 1276	1719.9	3821	0.204 7597	6390.5	15234	0.088 8210	2771.8	6625
7.0	0.972 0276	1780.2		0.212 4205	6377.5		0.092 1438	2766.1	
7.5	0.969 8553	1840.4	4105	0.220 0654	6363.9	15167	0.095 4596	2760.2	6596
8.0	0.967 6108	1900.5		0.227 6937	6349.8		0.098 7682	2754.1	
8.5	—0.965 2942	1960.5	+4388	—0.235 3048	6335.2	—15096	—0.102 0694	2747.8	—6564
9.0	0.962 9057	2020.4		0.242 8982	6320.2		0.105 3629	2741.3	
9.5	0.960 4454	2080.1	4670	0.250 4732	6304.7	15020	0.108 6484	2734.5	6532
10.0	0.957 9136	2139.6		0.258 0293	6288.7		0.111 9257	2727.5	
10.5	0.955 3105	2198.9	4951	0.265 5658	6272.2	14939	0.115 1945	2720.4	6497
11.0	0.952 6363	2258.0		0.273 0822	6255.2		0.118 4546	2713.1	
11.5	—0.949 8913	2317.0	+5230	—0.280 5779	6237.7	—14854	—0.121 7057	2705.5	—6460
12.0	0.947 0756	2375.8		0.288 0524	6219.7		0.124 9477	2697.7	
12.5	0.944 1894	2434.5	5507	0.295 5051	6201.3	14765	0.128 1802	2689.7	6421
13.0	0.941 2329	2493.0		0.302 9354	6182.4		0.131 4030	2681.5	
13.5	0.938 2064	2551.2	5783	0.310 3427	6163.1	14671	0.134 6158	2673.1	6380
14.0	0.935 1101	2609.2		0.317 7266	6143.3		0.137 8185	2664.6	

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung	Reduktion auf 1925.0	Y	Stündliche Änderung	Reduktion auf 1925.0	Z	Stündliche Änderung	Reduktion auf 1925.0
		Einheit: 7. Dez.			Einheit: 7. Dez.			Einheit: 7. Dez.	
Okt. 14.0	—0.935 1101	2609.2		—0.317 7266	6143.3		—0.137 8185	2664.6	
14.5	0.931 9443	2667.0	+ 6057	0.325 0865	6123.1	—14573	0.141 0108	2655.9	—6337
15.0	0.928 7092	2724.6		0.332 4218	6102.3		0.144 1925	2647.0	
15.5	0.925 4053	2782.0	6330	0.339 7319	6081.1	14470	0.147 3633	2637.8	6293
16.0	0.922 0325	2839.2		0.347 0164	6059.5		0.150 5231	2628.4	
16.5	0.918 5912	2896.2	6601	0.354 2748	6037.6	14363	0.153 6715	2618.9	6246
17.0	—0.915 0817	2952.9		—0.361 5066	6015.3		—0.156 8085	2609.2	
17.5	0.911 5043	3009.5	+ 6869	0.368 7113	5992.5	—14252	0.159 9338	2599.4	—6198
18.0	0.907 8591	3065.8		0.375 8884	5969.2		0.163 0471	2589.4	
18.5	0.904 1465	3122.0	7135	0.383 0373	5945.6	14137	0.166 1483	2579.2	6148
19.0	0.900 3665	3178.0		0.390 1576	5921.6		0.169 2371	2568.8	
19.5	0.896 5194	3233.8	7399	0.397 2488	5897.1	14018	0.172 3132	2558.2	6096
20.0	—0.892 6055	3289.3		—0.404 3104	5872.2		—0.175 3766	2547.4	
20.5	0.888 6251	3344.6	+ 7661	0.411 3418	5846.9	—13895	0.178 4270	2536.5	—6042
21.0	0.884 5785	3399.7		0.418 3426	5821.2		0.181 4642	2525.4	
21.5	0.880 4659	3454.7	7920	0.425 3125	5795.1	13767	0.184 4879	2514.1	5986
22.0	0.876 2874	3509.5		0.432 2508	5768.6		0.187 4979	2502.5	
22.5	0.872 0432	3564.1	8177	0.439 1570	5741.6	13635	0.190 4939	2490.8	5929
23.0	—0.867 7336	3618.5		—0.446 0305	5714.2		—0.193 4758	2478.9	
23.5	0.863 3588	3672.7	+ 8432	0.452 8709	5686.4	—13499	0.196 4433	2466.9	—5870
24.0	0.858 9192	3726.6		0.459 6777	5658.2		0.199 3963	2454.7	
24.5	0.854 4150	3780.4	8684	0.466 4503	5629.5	13359	0.202 3344	2442.2	5809
25.0	0.849 8464	3833.9		0.473 1882	5600.3		0.205 2574	2429.5	
25.5	0.845 2137	3887.2	8934	0.479 8908	5570.7	13214	0.208 1651	2416.7	5746
26.0	—0.840 5172	3940.3		—0.486 5576	5540.7		—0.211 0573	2403.6	
26.5	0.835 7571	3993.2	+ 9181	0.493 1882	5510.2	—13066	0.213 9337	2390.3	—5682
27.0	0.830 9337	4045.8		0.499 7820	5479.3		0.216 7940	2376.9	
27.5	0.826 0473	4098.2	9426	0.506 3383	5447.8	12914	0.219 6381	2363.2	5616
28.0	0.821 0982	4150.2		0.512 8565	5415.9		0.222 4657	2349.3	
28.5	0.816 0869	4201.9	9668	0.519 3362	5383.6	12758	0.225 2765	2335.3	5548
29.0	—0.811 0137	4253.3		—0.525 7768	5350.9		—0.228 0704	2321.1	
29.5	0.805 8790	4304.5	+ 9906	0.532 1779	5317.7	—12598	0.230 8471	2306.7	—5479
30.0	0.800 6830	4355.4		0.538 5391	5284.1		0.233 6064	2292.1	
30.5	0.795 4261	4406.1	10141	0.544 8596	5250.0	12434	0.236 3480	2277.2	5408
31.0	0.790 1086	4456.4		0.551 1389	5215.5		0.239 0717	2262.2	
31.5	0.784 7309	4506.3	10374	0.557 3765	5180.5	12267	0.241 7773	2247.0	5335
Nov. 1.0	—0.779 2935	4555.9		—0.563 5719	5145.1		—0.244 4645	2231.6	
1.5	0.773 7968	4605.2	+10604	0.569 7246	5109.3	—12096	0.247 1332	2216.1	—5261
2.0	0.768 2412	4654.2		0.575 8340	5073.1		0.249 7831	2200.4	
2.5	0.762 6270	4702.8	10830	0.581 8997	5036.4	11921	0.252 4140	2184.5	5185
3.0	0.756 9546	4751.1		0.587 9211	4999.3		0.255 0257	2168.4	
3.5	0.751 2245	4799.0	11053	0.593 8978	4961.8	11742	0.257 6180	2152.1	5107

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung	Reduktion auf 1925.0	Y	Stündliche Änderung	Reduktion auf 1925.0	Z	Stündliche Änderung	Reduktion auf 1925.0
		Einheit: 7. Dez.			Einheit: 7. Dez.			Einheit: 7. Dez.	
Nov. 3.5	−0.751 2245	4799.0	+11053	−0.593 8978	4961.8	−11742	−0.257 6180	2152.1	−5107
4.0	0.745 4372	4846.5		0.599 8291	4923.8		0.260 1905	2135.6	
4.5	0.739 5930	4893.7	11272	0.605 7146	4885.4	11560	0.262 7431	2118.9	5028
5.0	0.733 6925	4940.4		0.611 5539	4846.6		0.265 2757	2102.1	
5.5	0.727 7361	4986.8	11488	0.617 3465	4807.5	11375	0.267 7880	2085.1	4947
6.0	0.721 7242	5032.9		0.623 0918	4768.0		0.270 2799	2067.9	
6.5	−0.715 6573	5078.5	+11701	−0.628 7895	4728.1	−11186	−0.272 7511	2050.6	−4865
7.0	0.709 5359	5123.7		0.634 4390	4687.8		0.275 2014	2033.1	
7.5	0.703 3606	5168.4	11910	0.640 0399	4647.1	10993	0.277 6306	2015.5	4781
8.0	0.697 1318	5212.8		0.645 5918	4606.0		0.280 0385	1997.7	
8.5	0.690 8500	5256.8	12115	0.651 0941	4564.5	10797	0.282 4250	1979.7	4696
9.0	0.684 5157	5300.3		0.656 5465	4522.7		0.284 7898	1961.6	
9.5	−0.678 1294	5343.4	+12317	−0.661 9485	4480.6	−10598	−0.287 1328	1943.4	−4609
10.0	0.671 6916	5386.1		0.667 2997	4438.1		0.289 4538	1925.0	
10.5	0.665 2028	5428.4	12515	0.672 5999	4395.3	10395	0.291 7527	1906.4	4521
11.0	0.658 6635	5470.3		0.677 8485	4352.1		0.294 0292	1887.7	
11.5	0.652 0742	5511.7	12709	0.683 0450	4308.6	10189	0.296 2831	1868.8	4432
12.0	0.645 4355	5552.6		0.688 1891	4264.8		0.298 5143	1849.9	
12.5	−0.638 7480	5593.1	+12899	−0.693 2804	4220.7	− 9981	−0.300 7228	1830.8	−4341
13.0	0.632 0121	5633.2		0.698 3186	4176.3		0.302 9082	1811.6	
13.5	0.625 2284	5672.9	13085	0.703 3034	4131.7	9770	0.305 0705	1792.3	4249
14.0	0.618 3974	5712.1		0.708 2345	4086.7		0.307 2096	1772.8	
14.5	0.611 5195	5751.0	13267	0.713 1114	4041.4	9556	0.309 3252	1753.2	4155
15.0	0.604 5952	5789.4		0.717 9337	3995.8		0.311 4172	1733.4	
15.5	−0.597 6252	5827.3	+13445	−0.722 7011	3949.9	− 9338	−0.313 4854	1713.6	−4060
16.0	0.590 6099	5864.8		0.727 4133	3903.8		0.315 5297	1693.6	
16.5	0.583 5498	5901.9	13619	0.732 0701	3857.5	9117	0.317 5500	1673.5	3965
17.0	0.576 4455	5938.6		0.736 6712	3810.9		0.319 5461	1653.3	
17.5	0.569 2974	5974.9	13789	0.741 2161	3763.9	8894	0.321 5178	1632.9	3868
18.0	0.562 1059	6010.8		0.745 7045	3716.7		0.323 4650	1612.4	
18.5	−0.554 8715	6046.3	+13954	−0.750 1361	3669.2	− 8668	−0.325 3876	1591.8	−3770
19.0	0.547 5948	6081.4		0.754 5105	3621.4		0.327 2854	1571.1	
19.5	0.540 2763	6116.1	14115	0.758 8274	3573.4	8440	0.329 1583	1550.3	3671
20.0	0.532 9164	6150.4		0.763 0865	3525.0		0.331 0062	1529.4	
20.5	0.525 5156	6184.2	14273	0.767 2875	3476.5	8209	0.332 8289	1508.3	3570
21.0	0.518 0744	6217.7		0.771 4300	3427.6		0.334 6262	1487.1	
21.5	−0.510 5933	6250.7	+14426	−0.775 5137	3378.5	− 7975	−0.336 3979	1465.7	−3469
22.0	0.503 0729	6283.2		0.779 5383	3329.1		0.338 1438	1444.2	
22.5	0.495 5137	6315.3	14574	0.783 5033	3279.4	7739	0.339 8639	1422.6	3366
23.0	0.487 9162	6347.0		0.787 4085	3229.3		0.341 5581	1401.0	
23.5	0.480 2810	6378.3	14718	0.791 2534	3178.9	7501	0.343 2262	1379.2	3262
24.0	0.472 6085	6409.1		0.795 0377	3128.3		0.344 8680	1357.2	

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung	Reduktion auf 1925.0	Y	Stündliche Änderung	Reduktion auf 1925.0	Z	Stündliche Änderung	Reduktion auf 1925.0
		Einheit: 7. Dez.			Einheit: 7. Dez.			Einheit: 7. Dez.	
Nov. 24.0	—0.472 6085	6409.1		—0.795 0377	3128.3		—0.344 8680	1357.2	
24.5	0.464 8993	6439.4	+14858	0.798 7611	3077.4	—7260	0.346 4833	1335.0	—3157
25.0	0.457 1541	6469.2		0.802 4232	3026.2		0.348 0719	1312.7	
25.5	0.449 3734	6498.6	14993	0.806 0238	2974.7	7017	0.349 6338	1290.4	3051
26.0	0.441 5577	6527.4		0.809 5625	2923.0		0.351 1689	1268.0	
26.5	0.433 7077	6555.8	15123	0.813 0390	2871.1	6772	0.352 6769	1245.4	2944
27.0	—0.425 8239	6583.8		—0.816 4530	2818.8		—0.354 1577	1222.6	
27.5	0.417 9068	6611.2	+15248	0.819 8041	2766.2	—6525	0.355 6111	1199.8	—2837
28.0	0.409 9571	6638.1		0.823 0919	2713.4		0.357 0371	1176.9	
28.5	0.401 9755	6664.5	15369	0.826 3162	2660.4	6276	0.358 4356	1153.9	2729
29.0	0.393 9626	6690.3		0.829 4768	2607.2		0.359 8065	1130.8	
29.5	0.385 9191	6715.6	15485	0.832 5734	2553.7	6025	0.361 1495	1107.5	2620
30.0	—0.377 8454	6740.5		—0.835 6057	2500.0		—0.362 4645	1084.2	
30.5	0.369 7422	6764.8	+15596	0.838 5733	2446.0	—5772	0.363 7515	1060.8	—2510
Dez. 1.0	0.361 6102	6788.5		0.841 4760	2391.8		0.365 0103	1037.2	
1.5	0.353 4500	6811.7	15703	0.844 3134	2337.3	5517	0.366 2407	1013.5	2399
2.0	0.345 2623	6834.3		0.847 0854	2282.7		0.367 4427	989.8	
2.5	0.337 0478	6856.5	15805	0.849 7917	2227.9	5260	0.368 6163	966.1	2288
3.0	—0.328 8070	6878.1		—0.852 4320	2172.8		—0.369 7613	942.2	
3.5	0.320 5406	6899.1	+15901	0.855 0062	2117.5	—5002	0.370 8776	918.2	—2176
4.0	0.312 2493	6919.6		0.857 5139	2062.0		0.371 9650	894.2	
4.5	0.303 9338	6939.4	15993	0.859 9550	2006.4	4742	0.373 0236	870.1	2063
5.0	0.295 5949	6958.7		0.862 3292	1950.6		0.374 0532	845.9	
5.5	0.287 2332	6977.4	16080	0.864 6363	1894.6	4481	0.375 0537	821.6	1949
6.0	—0.278 8493	6995.6		—0.866 8762	1838.5		—0.376 0250	797.3	
6.5	0.270 4440	7013.2	+16162	0.869 0487	1782.3	—4218	0.376 9671	772.9	—1835
7.0	0.262 0179	7030.2		0.871 1537	1725.9		0.377 8799	748.4	
7.5	0.253 5717	7046.7	16239	0.873 1909	1669.4	3954	0.378 7633	723.9	1720
8.0	0.245 1061	7062.6		0.875 1602	1612.8		0.379 6173	699.4	
8.5	0.236 6218	7077.9	16311	0.877 0615	1556.0	3689	0.380 4419	674.8	1604
9.0	—0.228 1195	7092.6		—0.878 8946	1499.1		—0.381 2370	650.2	
9.5	0.219 5998	7106.7	+16378	0.880 6594	1442.2	—3423	0.382 0024	625.5	—1488
10.0	0.211 0636	7120.2		0.882 3557	1385.1		0.382 7382	600.8	
10.5	0.202 5115	7133.2	16439	0.883 9835	1327.9	3156	0.383 4443	576.0	1372
11.0	0.193 9440	7145.7		0.885 5427	1270.7		0.384 1207	551.3	
11.5	0.185 3620	7157.6	16496	0.887 0333	1213.5	2888	0.384 7673	526.5	1255
12.0	—0.176 7660	7169.0		—0.888 4552	1156.2		—0.385 3842	501.6	
12.5	0.168 1567	7179.8	+16547	0.889 8081	1098.7	—2618	0.385 9712	476.8	—1138
13.0	0.159 5348	7190.0		0.891 0920	1041.2		0.386 5284	451.9	
13.5	0.150 9010	7199.6	16593	0.892 3069	983.7	2348	0.387 0557	427.0	1021
14.0	0.142 2559	7208.8		0.893 4528	926.2		0.387 5531	402.0	
14.5	0.133 6001	7217.4	16634	0.894 5297	868.6	2077	0.388 0205	377.0	903

Mittleres Äquinoktium 1918.0

Mittlere Zeit Greenwich	X	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Y	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)	Z	Stündliche Änderung (Einheit: 7. Dez.)	Reduktion auf 1925.0 (Einheit: 7. Dez.)
Dez. 14.5	−0.133 6001	7217.4	+16634	−0.894 5297	868.6	−2077	−0.388 0205	377.0	− 903
15.0	0.124 9343	7225.5		0.895 5375	810.9		0.388 4580	352.0	
15.5	0.116 2590	7233.1	16670	0.896 4760	753.2	1806	0.388 8655	327.0	785
16.0	0.107 5749	7240.2		0.897 3453	695.5		0.389 2429	302.0	
16.5	0.098 8827	7246.7	16701	0.898 1453	637.8	1534	0.389 5903	277.0	667
17.0	0.090 1830	7252.7		0.898 8760	580.0		0.389 9077	251.9	
17.5	−0.081 4764	7258.2	+16726	−0.899 5373	522.1	−1262	−0.390 1949	226.7	− 549
18.0	0.072 7634	7263.2		0.900 1291	464.2		0.390 4519	201.6	
18.5	0.064 0447	7267.7	16746	0.900 6515	406.3	989	0.390 6788	176.5	430
19.0	0.055 3210	7271.7		0.901 1043	348.3		0.390 8755	151.3	
19.5	0.046 5928	7275.1	16761	0.901 4875	290.2	716	0.391 0420	126.1	312
20.0	0.037 8608	7278.0		0.901 8009	232.2		0.391 1782	100.9	
20.5	−0.029 1257	7280.4	+16771	−0.902 0446	174.1	− 443	−0.391 2841	75.7	− 193
21.0	0.020 3881	7282.3		0.902 2186	115.9		0.391 3598	50.4	
21.5	0.011 6485	7283.6	16776	0.902 3227	57.6	− 170	0.391 4051	25.1	− 74
22.0	−0.002 9077	7284.4		0.902 3569	0.7		0.391 4200	0.2	
22.5	+0.005 8337	7284.6	16776	0.902 3211	59.0	+ 104	0.391 4046	25.5	+ 45
23.0	0.014 5750	7284.2		0.902 2153	117.4		0.391 3588	50.9	
23.5	+0.023 3155	7283.3	+16771	−0.902 0394	175.8	+ 377	−0.391 2825	76.3	+ 164
24.0	0.032 0546	7281.8		0.901 7935	234.1		0.391 1758	101.6	
24.5	0.040 7915	7279.7	16760	0.901 4776	292.5	650	0.391 0387	126.9	283
25.0	0.049 5256	7277.1		0.901 0916	350.9		0.390 8712	152.3	
25.5	0.058 2562	7273.9	16744	0.900 6355	409.3	923	0.390 6732	177.7	402
26.0	0.066 9827	7270.2		0.900 1093	467.7		0.390 4447	203.0	
26.5	+0.075 7044	7265.8	+16723	−0.899 5130	526.1	+1196	−0.390 1859	228.4	+ 520
27.0	0.084 4205	7260.9		0.898 8467	584.5		0.389 8966	253.7	
27.5	0.093 1303	7255.4	16697	0.898 1102	642.9	1469	0.389 5769	279.1	639
28.0	0.101 8332	7249.3		0.897 3036	701.3		0.389 2268	304.4	
28.5	0.110 5285	7242.7	16665	0.896 4270	759.6	1741	0.388 8463	329.7	757
29.0	0.119 2155	7235.5		0.895 4805	817.9		0.388 4354	355.0	
29.5	+0.127 8934	7227.6	+16628	−0.894 4641	876.1	+2013	−0.387 9942	380.3	+ 875
30.0	0.136 5616	7219.2		0.893 3778	934.3		0.387 5227	405.5	
30.5	0.145 2193	7210.2	16587	0.892 2217	992.5	2284	0.387 0209	430.8	993
31.0	0.153 8658	7200.6		0.890 9958	1050.6		0.386 4888	456.0	
31.5	0.162 5004	7190.4	16540	0.889 7002	1108.7	2555	0.385 9265	481.2	1111
32.0	0.171 1224	7179.6		0.888 3350	1166.7		0.385 3340	506.3	

Frühlingsäquinoktium . .	März	20	22h
Sommersolstitium . . .	Juni	21	18
Herbstäquinoktium . . .	Sept.	23	9
Wintersolstitium . . .	Dez.	22	4
Perigäum	Jan.	1	5h
Apogäum	Juli	4	20

Mittlere Zeit Greenwich	Aberration	Parallaxe	Mittlere Zeit Greenwich	Mittlere Länge $L_\odot$	Mittlere Anomalie $M_\odot$
Jan. 0.0	20.″82	8.″95	Jan. 0.5	279.°8351	358.°31
10.0	20.81	8.95	10.5	289.6916	8.16
20.0	20.80	8.94	20.5	299.5480	18.01
30.0	20.78	8.93	30.5	309.4045	27.87
Febr. 9.0	20.74	8.92	Febr. 9.5	319.2610	37.72
19.0	20.70	8.90	19.5	329.1175	47.58
März 1.0	20.65	8.88	März 1.5	338.9739	57.44
11.0	20.60	8.86	11.5	348.8304	67.29
21.0	20.54	8.83	21.5	358.6869	77.15
31.0	20.49	8.81	31.5	8.5434	87.00
April 10.0	20.43	8.78	April 10.5	18.3998	96.86
20.0	20.37	8.76	20.5	28.2563	106.72
30.0	20.32	8.73	30.5	38.1128	116.57
Mai 10.0	20.27	8.71	Mai 10.5	47.9692	126.43
20.0	20.23	8.69	20.5	57.8257	136.28
30.0	20.19	8.68	30.5	67.6822	146.14
Juni 9.0	20.16	8.67	Juni 9.5	77.5387	156.00
19.0	20.14	8.66	19.5	87.3951	165.85
29.0	20.14	8.66	29.5	97.2516	175.71
Juli 9.0	20.13	8.66	Juli 9.5	107.1081	185.56
19.0	20.14	8.66	19.5	116.9646	195.42
29.0	20.16	8.67	29.5	126.8210	205.28
Aug. 8.0	20.19	8.68	Aug. 8.5	136.6775	215.13
18.0	20.23	8.70	18.5	146.5340	224.99
28.0	20.27	8.71	28.5	156.3905	234.84
Sept. 7.0	20.32	8.73	Sept. 7.5	166.2469	244.70
17.0	20.37	8.76	17.5	176.1034	254.56
27.0	20.43	8.78	27.5	185.9599	264.41
Okt. 7.0	20.49	8.81	Okt. 7.5	195.8163	274.27
17.0	20.55	8.83	17.5	205.6728	284.12
27.0	20.60	8.86	27.5	215.5293	293.98
Nov. 6.0	20.65	8.88	Nov. 6.5	225.3858	303.84
16.0	20.70	8.90	16.5	235.2422	313.69
26.0	20.74	8.92	26.5	245.0987	323.55
Dez. 6.0	20.78	8.93	Dez. 6.5	254.9552	333.40
16.0	20.80	8.94	16.5	264.8117	343.26
26.0	20.81	8.95	26.5	274.6681	353.12
36.0	20.82	8.95	36.5	284.5246	2.97

Phasen des Mondes

			h	m
Jan.	4	Letztes Viertel	23	49.6
	12	Neumond	10	35.8
	19	Erstes Viertel	2	37.9
	26	Vollmond	15	14.2
Febr.	3	Letztes Viertel	19	52.0
	10	Neumond	22	4.6
	17	Erstes Viertel	12	56.9
	25	Vollmond	9	34.6
März	5	Letztes Viertel	12	43.6
	12	Neumond	7	52.4
	19	Erstes Viertel	1	30.4
	27	Vollmond	3	32.8
April	4	Letztes Viertel	1	33.1
	10	Neumond	16	34.3
	17	Erstes Viertel	16	7.7
	25	Vollmond	20	5.4
Mai	3	Letztes Viertel	10	26.2
	10	Neumond	1	0.9
	17	Erstes Viertel	8	14.3
	25	Vollmond	10	32.4
Juni	1	Letztes Viertel	16	20.0
	8	Neumond	10	2.7
	16	Erstes Viertel	1	11.7
	23	Vollmond	22	38.3
	30	Letztes Viertel	20	42.9

			h	m
Juli	7	Neumond	20	22.1
	15	Erstes Viertel	18	24.7
	23	Vollmond	8	34.8
	30	Letztes Viertel	1	13.9
Aug.	6	Neumond	8	29.6
	14	Erstes Viertel	11	16.4
	21	Vollmond	17	2.3
	28	Letztes Viertel	7	27.1
Sept.	4	Neumond	22	43.7
	13	Erstes Viertel	3	2.3
	20	Vollmond	1	0.9
	26	Letztes Viertel	16	38.6
Okt.	4	Neumond	15	5.2
	12	Erstes Viertel	17	0.0
	19	Vollmond	9	34.8
	26	Letztes Viertel	5	35.4
Nov.	3	Neumond	9	1.6
	11	Erstes Viertel	4	46.2
	17	Vollmond	19	33.0
	24	Letztes Viertel	22	25.3
Dez.	3	Neumond	3	19.3
	10	Erstes Viertel	14	31.4
	17	Vollmond	7	17.5
	24	Letztes Viertel	18	30.6

Mond

im Apogäum

		h
Jan.	2	23.4
Jan.	30	17.8
Febr.	27	2.9
März	26	3.2
April	22	11.1
Mai	20	2.5
Juni	16	20.6
Juli	14	15.3
Aug.	11	9.1
Sept.	7	23.7
Okt.	5	6.4
Nov.	1	8.1
Nov.	28	19.2
Dez.	26	13.9

Mond

im Perigäum

		h
Jan.	14	17.0
Febr.	11	23.3
März	12	10.8
April	9	21.8
Mai	8	4.0
Juni	4	19.5
Juni	30	11.5
Juli	26	14.4
Aug.	23	9.8
Sept.	20	16.9
Okt.	19	4.3
Nov.	16	15.5
Dez.	14	20.4

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log sin $p_☾$		Halbmesser		Länge	Breite
	h m s	m s	° ′	° ′			′ ″	″	°	°
Jan. 0.5	9 27 31	44 47	+10 46.4	4 36.9	8.20106	230	14 54.5	4.7	140.781	−4.005
1.5	10 12 18	43 33	6 9.5	4 47.7	8.19876	123	14 49.8	2.5	152.794	4.631
2.5	10 55 51	43 11	+ 1 21.8	4 49.2	8.19753	4	14 47.3	0.0	164.701	5.052
3.5	11 39 2	43 43	− 3 27.4	4 42.4	8.19757	141	14 47.3	2.9	176.565	5.255
4.5	12 22 45	45 8	8 9.8	4 26.8	8.19898	280	14 50.2	5.8	188.458	5.235
5.5	13 7 53	47 25	12 36.6	4 1.1	8.20178	411	14 56.0	8.5	200.456	4.987
6.5	13 55 18	50 24	−16 37.7	3 23.4	8.20589	522	15 4.5	10.9	212.639	−4.514
7.5	14 45 42	53 49	20 1.1	2 31.2	8.21111	602	15 15.4	12.8	225.083	3.821
8.5	15 39 31	57 4	22 32.3	1 23.7	8.21713	641	15 28.2	13.8	237.855	2.923
9.5	16 36 35	59 34	23 56.0	0 2.6	8.22354	629	15 42.0	13.8	251.003	1.848
10.5	17 36 9	60 40	23 58.6	1 26.3	8.22983	563	15 55.8	12.4	264.553	−0.639
11.5	18 36 49	60 16	22 32.3	2 54.0	8.23546	448	16 8.2	10.1	278.497	+0.641
12.5	19 37 5	58 42	−19 38.3	4 10.5	8.23994	295	16 18.3	6.6	292.790	+1.910
13.5	20 35 47	56 38	15 27.8	5 8.6	8.24289	122	16 24.9	2.8	307.350	3.079
14.5	21 32 25	54 44	10 19.2	5 44.2	8.24411	46	16 27.7	1.0	322.069	4.055
15.5	22 27 9	53 27	− 4 35.0	5 56.7	8.24365	193	16 26.7	4.4	336.820	4.763
16.5	23 20 36	53 0	+ 1 21.7	5 47.7	8.24172	306	16 22.3	6.9	351.487	5.156
17.5	0 13 36	53 22	7 9.4	5 19.2	8.23866	380	16 15.4	8.5	5.969	5.214
18.5	1 6 58	54 23	+12 28.6	4 33.8	8.23486	420	16 6.9	9.3	20.200	+4.949
19.5	2 1 21	55 41	17 2.4	3 33.7	8.23066	432	15 57.6	9.5	34.146	4.396
20.5	2 57 2	56 48	20 36.1	2 22.4	8.22634	426	15 48.1	9.3	47.800	3.602
21.5	3 53 50	57 14	22 58.5	1 4.2	8.22208	411	15 38.8	8.8	61.175	2.627
22.5	4 51 4	56 38	24 2.7	0 14.9	8.21797	391	15 30.0	8.3	74.295	1.531
23.5	5 47 42	55 3	23 47.8	1 29.4	8.21406	368	15 21.7	7.8	87.188	+0.376
24.5	6 42 45	52 41	+22 18.4	2 34.1	8.21038	344	15 13.9	7.2	99.879	−0.778
25.5	7 35 26	50 1	19 44.3	3 26.1	8.20694	315	15 6.7	6.6	112.389	1.875
26.5	8 25 27	47 31	16 18.2	4 4.8	8.20379	277	15 0.1	5.7	124.736	2.867
27.5	9 12 58	45 26	12 13.4	4 30.6	8.20102	225	14 54.4	4.6	136.936	3.714
28.5	9 58 24	44 1	7 42.8	4 45.1	8.19877	157	14 49.8	3.2	149.007	4.383
29.5	10 42 25	43 18	+ 2 57.7	4 49.2	8.19720	72	14 46.6	1.5	160.973	4.852
30.5	11 25 43	43 24	− 1 51.5	4 44.2	8.19648	30	14 45.1	0.6	172.864	−5.107
31.5	12 9 7	44 19	6 35.7	4 30.4	8.19678	148	14 45.7	3.0	184.722	5.143
Febr. 1.5	12 53 26	46 0	11 6.1	4 7.1	8.19826	274	14 48.7	5.7	196.600	4.957
2.5	13 39 26	48 24	15 13.2	3 33.6	8.20100	404	14 54.4	8.3	208.563	4.556
3.5	14 27 50	51 20	18 46.8	2 48.0	8.20504	524	15 2.7	11.0	220.684	3.946
4.5	15 19 10	54 27	21 34.8	1 49.3	8.21028	626	15 13.7	13.2	233.043	3.143
5.5	16 13 37	57 14	−23 24.1	0 37.3	8.21654	694	15 26.9	15.0	245.721	−2.167
6.5	17 10 51	59 12	24 1.4	0 45.2	8.22348	717	15 41.9	15.7	258.791	−1.051
7.5	18 10 3	59 57	23 16.2	2 12.2	8.23065	680	15 57.6	15.1	272.310	+0.159
8.5	19 10 0	59 30	21 4.0	3 35.6	8.23745	580	16 12.7	13.0	286.302	1.399
9.5	20 9 30	58 15	17 28.4	4 46.2	8.24325	419	16 25.7	9.6	300.748	2.586
10.5	21 7 45		12 42.2		8.24744		16 35.3		315.576	3.629

Tag	Obere Kulmination im Nullmeridian							0h Länge, +50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
	h m s	s	° '	'	'	h m	m	h m	m	h m	m
Jan. 0	9 33 3	117	+10 14.0	−11.6	54.6	14 53.2	1.78	7 45	2.8	21 48	0.7
1	10 18 52	113	+ 5 27.0	−12.2	54.3	15 35.0	1.71	8 52	2.8	22 5	0.7
2	11 3 31	111	+ 0 30.4	−12.4	54.2	16 15.6	1.68	9 58	2.7	22 21	0.7
3	11 47 57	112	− 4 26.3	−12.3	54.2	16 56.0	1.69	11 3	2.7	22 38	0.7
4	12 33 9	115	− 9 14.0	−11.7	54.4	17 37.1	1.74	12 8	2.7	22 56	0.8
5	13 20 8	121	−13 43.2	−10.7	54.8	18 20.0	1.84	13 14	2.8	23 16	0.9
6	14 9 52	128	−17 42.4	− 9.2	55.4	19 5.7	1.97	14 23	2.9	23 40	1.1
7	15 3 4	138	−20 57.5	− 7.0	56.1	19 54.8	2.13	15 32	2.9	—	—
8	16 0 5	147	−23 11.6	− 4.1	57.0	20 47.8	2.28	16 41	2.8	0 11	1.5
9	17 0 31	154	−24 7.5	− 0.5	57.9	21 44.1	2.40	17 45	2.5	0 51	1.9
10	18 3 11	158	−23 31.2	+ 3.5	58.7	22 42.7	2.46	18 40	2.1	1 43	2.4
11	19 6 19	157	−21 18.0	+ 7.5	59.4	23 41.7	2.44	19 26	1.7	2 48	2.9
12	—	—	—	—	—	—	—	20 3	1.3	4 4	3.3
13	20 8 17	154	−17 34.7	+11.0	60.0	0 39.6	2.37	20 32	1.1	5 26	3.5
14	21 8 6	147	−12 38.8	+13.5	60.3	1 35.3	2.27	20 57	1.0	6 50	3.5
15	22 5 37	141	− 6 54.3	+15.0	60.3	2 28.7	2.18	21 19	0.9	8 14	3.5
16	23 1 24	138	− 0 47.0	+15.4	60.1	3 20.4	2.13	21 41	0.9	9 36	3.4
17	23 56 21	137	+ 5 18.5	+14.9	59.7	4 11.3	2.11	22 3	0.9	10 58	3.4
18	0 51 24	138	+11 0.0	+13.5	59.2	5 2.2	2.14	22 27	1.1	12 18	3.3
19	1 47 25	142	+15 58.0	+11.3	58.6	5 54.2	2.19	22 56	1.3	13 37	3.2
20	2 44 50	145	+19 55.4	+ 8.4	58.0	6 47.5	2.25	23 31	1.6	14 53	3.0
21	3 43 36	148	+22 38.6	+ 5.1	57.4	7 42.2	2.30	—	—	16 3	2.7
22	4 43 1	148	+23 58.5	+ 1.5	56.9	8 37.5	2.30	0 14	2.0	17 4	2.3
23	5 41 57	146	+23 52.8	− 2.0	56.3	9 32.3	2.26	1 6	2.4	17 55	1.9
24	6 39 12	140	+22 26.4	− 5.1	55.8	10 25.5	2.17	2 7	2.7	18 35	1.5
25	7 33 51	133	+19 49.9	− 7.8	55.4	11 16.1	2.05	3 13	2.8	19 6	1.2
26	8 25 35	126	+16 17.6	− 9.8	55.0	12 3.7	1.92	4 22	2.9	19 32	1.0
27	9 14 32	119	+12 4.7	−11.2	54.6	12 48.6	1.82	5 30	2.8	19 53	0.8
28	10 1 14	114	+ 7 25.0	−12.0	54.3	13 31.3	1.74	6 38	2.8	20 11	0.7
29	10 46 24	112	+ 2 31.2	−12.4	54.1	14 12.4	1.69	7 44	2.7	20 28	0.7
30	11 30 54	111	− 2 26.1	−12.3	54.0	14 52.8	1.68	8 49	2.7	20 45	0.7
31	12 15 37	112	− 7 16.9	−11.9	54.1	15 33.5	1.71	9 55	2.7	21 2	0.7
Febr. 1	13 1 26	117	−11 51.8	−11.0	54.3	16 15.2	1.78	11 0	2.7	21 21	0.8
2	13 49 16	123	−16 0.7	− 9.7	54.7	16 59.0	1.88	12 7	2.8	21 43	1.0
3	14 39 52	131	−19 31.8	− 7.8	55.3	17 45.5	2.01	13 14	2.8	22 10	1.3
4	15 33 49	139	−22 11.3	− 5.4	56.0	18 35.4	2.15	14 21	2.8	22 45	1.7
5	16 31 10	147	−23 44.0	− 2.3	56.9	19 28.7	2.29	15 26	2.6	23 30	2.1
6	17 31 27	153	−23 55.4	+ 1.4	57.9	20 24.9	2.39	16 25	2.3	—	—
7	18 33 28	156	−22 34.9	+ 5.3	58.9	21 22.8	2.43	17 15	1.9	0 27	2.6
8	19 35 46	155	−19 40.7	+ 9.1	59.8	22 21.0	2.41	17 56	1.6	1 36	3.1
9	20 37 7	151	−15 21.4	+12.3	60.5	23 18.2	2.35	18 30	1.3	2 54	3.4
10	—	—	—	—	—	—	—	18 57	1.1	4 17	3.5

Mittlere Zeit Greenwich	Scheinbare Rektaszension h m s	m s	Scheinbare Deklination ° ′	° ′	log sin $p_☾$		Halbmesser ′ ″	″	Länge °	Breite °
Febr. 10.5	21 7 45	56 49	−12 42.2	5 36.8	8.24744	216	16 35.3	5.0	315.576	+3.629
11.5	22 4 34	55 38	7 5.4	6 3.4	8.24960	7	16 40.3	0.2	330.660	4.437
12.5	23 0 12	55 5	− 1 2.0	6 4.4	8.24953	218	16 40.1	5.0	345.836	4.938
13.5	23 55 17	55 11	+ 5 2.4	5 41.4	8.24735	394	16 35.1	9.0	0.929	5.092
14.5	0 50 28	55 51	10 43.8	4 57.4	8.24341	518	16 26.1	11.7	15.782	4.899
15.5	1 46 19	56 45	15 41.2	3 56.3	8.23823	587	16 14.4	13.1	30.284	4.394
16.5	2 43 4	57 29	+19 37.5	2 43.3	8.23236	605	16 1.3	13.3	44.374	+3.633
17.5	3 40 33	57 33	22 20.8	1 23.8	8.22631	584	15 48.0	12.6	58.043	2.682
18.5	4 38 6	56 46	23 44.6	0 4.0	8.22047	536	15 35.4	11.5	71.319	1.612
19.5	5 34 52	55 4	23 48.6	1 10.7	8.21511	474	15 23.9	10.0	84.253	+0.486
20.5	6 29 56	52 43	22 37.9	2 16.1	8.21037	405	15 13.9	8.5	96.903	−0.639
21.5	7 22 39	50 10	20 21.8	3 10.0	8.20632	338	15 5.4	7.0	109.329	1.711
22.5	8 12 49	47 44	+17 11.8	3 51.4	8.20294	271	14 58.4	5.6	121.583	−2.686
23.5	9 0 33	45 42	13 20.4	4 20.9	8.20023	209	14 52.8	4.3	133.707	3.525
24.5	9 46 15	44 15	8 59.5	4 39.0	8.19814	145	14 48.5	3.0	145.734	4.198
25.5	10 30 30	43 29	+ 4 20.5	4 46.8	8.19669	80	14 45.5	1.6	157.690	4.681
26.5	11 13 59	43 25	− 0 26.3	4 44.7	8.19589	9	14 43.9	0.2	169.595	4.955
27.5	11 57 24	44 3	5 11.0	4 33.3	8.19580	72	14 43.7	1.5	181.472	5.014
28.5	12 41 27	45 23	− 9 44.3	4 12.3	8.19652	163	14 45.2	3.3	193.345	−4.855
März 1.5	13 26 50	47 20	13 56.6	3 41.0	8.19815	265	14 48.5	5.5	205.249	4.484
2.5	14 14 10	49 43	17 37.6	2 59.0	8.20080	372	14 54.0	7.6	217.229	3.913
3.5	15 3 53	52 21	20 36.6	2 5.6	8.20452	481	15 1.6	10.1	229.343	3.160
4.5	15 56 14	54 49	22 42.2	1 0.9	8.20933	581	15 11.7	12.3	241.659	2.247
5.5	16 51 3	56 45	23 43.1	0 13.5	8.21514	664	15 24.0	14.2	254.253	1.205
6.5	17 47 48	57 53	−23 29.6	1 33.7	8.22178	711	15 38.2	15.5	267.205	−0.073
7.5	18 45 41	58 4	21 55.9	2 54.2	8.22889	711	15 53.7	15.7	280.585	+1.099
8.5	19 43 45	57 34	19 1.7	4 8.3	8.23600	652	16 9.4	14.7	294.443	2.247
9.5	20 41 19	56 49	14 53.4	5 9.0	8.24252	524	16 24.1	11.9	308.793	3.292
10.5	21 38 8	56 11	9 44.4	5 50.4	8.24776	339	16 36.0	7.8	323.593	4.150
11.5	22 34 19	56 1	− 3 54.0	6 7.9	8.25115	108	16 43.8	2.6	338.741	4.738
12.5	23 30 20	56 27	+ 2 13.9	5 59.5	8.25223	133	16 46.4	3.1	354.077	+4.994
13.5	0 26 47	57 23	8 13.4	5 25.2	8.25090	357	16 43.3	8.2	9.404	4.892
14.5	1 24 10	58 29	13 38.6	4 28.3	8.24733	534	16 35.1	12.2	24.532	4.447
15.5	2 22 39	59 20	18 6.9	3 14.6	8.24199	651	16 22.9	14.6	39.303	3.712
16.5	3 21 59	59 25	21 21.5	1 51.3	8.23548	701	16 8.3	15.5	53.622	2.760
17.5	4 21 24	58 26	23 12.8	0 26.7	8.22847	696	15 52.8	15.2	67.452	1.673
18.5	5 19 50	56 27	+23 39.5	0 52.3	8.22151	645	15 37.6	13.8	80.811	+0.528
19.5	6 16 17	53 45	22 47.2	2 0.8	8.21506	565	15 23.8	11.9	93.752	−0.611
20.5	7 10 2	50 52	20 46.4	2 56.6	8.20941	470	15 11.9	9.8	106.345	1.688
21.5	8 0 54	48 10	17 49.8	3 39.8	8.20471	367	15 2.1	7.6	118.668	2.662
22.5	8 49 4	45 58	14 10.0	4 11.0	8.20104	267	14 54.5	5.5	130.794	3.498
23.5	9 35 2		9 59.0		8.19837		14 49.0		142.788	4.167

Obere Kulmination im Nullmeridian								0^h Länge, $+50°$ Breite			
Tag	AR.	Änderung für 1^h westl. Länge	Dekl.	Änderung für 1^h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1^h westl. Länge	Aufgang	Änderung für 1^h westl. Länge	Untergang	Änderung für 1^h westl. Länge
	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Febr. 10	—	—	—	—	—	—	—	18 57	1.1	4 17	3.5
11	21 36 53	147	− 9 55.5	+14.6	61.0	0 13.9	2.28	19 21	1.0	5 43	3.6
12	22 35 7	144	− 3 48.2	+15.8	61.1	1 8.0	2.23	19 44	1.0	7 9	3.6
13	23 32 24	143	+ 2 32.3	+15.7	60.9	2 1.2	2.21	20 7	1.0	8 34	3.5
14	0 29 30	143	+ 8 38.6	+14.6	60.4	2 54.2	2.22	20 31	1.1	9 58	3.5
15	1 27 8	145	+14 5.7	+12.5	59.8	3 47.8	2.25	20 59	1.3	11 21	3.4
16	2 25 44	148	+18 33.0	+ 9.7	59.0	4 42.3	2.29	21 32	1.5	12 41	3.2
17	3 25 15	149	+21 45.0	+ 6.3	58.1	5 37.7	2.32	22 13	1.9	13 54	2.9
18	4 25 6	149	+23 32.7	+ 2.7	57.3	6 33.5	2.31	23 3	2.3	14 58	2.4
19	5 24 16	146	+23 53.8	− 0.9	56.6	7 28.5	2.26	—	—	15 52	2.0
20	6 21 43	141	+22 53.1	− 4.1	55.9	8 21.9	2.18	0 1	2.6	16 35	1.6
21	7 16 40	134	+20 40.6	− 6.8	55.3	9 12.8	2.06	1 5	2.7	17 9	1.3
22	8 8 46	127	+17 29.2	− 9.0	54.9	10 0.8	1.94	2 12	2.8	17 36	1.0
23	8 58 9	120	+13 33.1	−10.6	54.5	10 46.1	1.84	3 20	2.8	17 58	0.8
24	9 45 17	115	+ 9 5.3	−11.6	54.3	11 29.2	1.76	4 27	2.8	18 17	0.8
25	10 30 49	112	+ 4 18.4	−12.2	54.1	12 10.7	1.70	5 33	2.7	18 35	0.7
26	11 15 31	111	− 0 36.5	−12.3	54.0	12 51.3	1.68	6 39	2.7	18 52	0.7
27	12 0 11	112	− 5 28.9	−12.0	54.0	13 31.9	1.70	7 44	2.7	19 9	0.7
28	12 45 35	115	−10 8.7	−11.3	54.1	14 13.3	1.75	8 49	2.7	19 28	0.8
März 1	13 32 30	120	−14 25.5	−10.1	54.3	14 56.1	1.83	9 55	2.7	19 49	1.0
2	14 21 38	126	−18 8.1	− 8.4	54.6	15 41.2	1.93	11 1	2.7	20 14	1.2
3	15 13 27	133	−21 4.5	− 6.2	55.2	16 28.9	2.05	12 7	2.7	20 45	1.4
4	16 8 11	140	−23 1.7	− 3.5	55.8	17 19.6	2.17	13 12	2.6	21 24	1.8
5	17 5 35	146	−23 47.0	− 0.2	56.6	18 12.9	2.27	14 12	2.3	22 14	2.3
6	18 4 57	150	−23 10.3	+ 3.4	57.6	19 8.2	2.33	15 4	2.0	23 15	2.8
7	19 5 14	151	−21 6.1	+ 7.0	58.6	20 4.4	2.35	15 47	1.7	—	—
8	20 5 26	150	−17 36.6	+10.4	59.5	21 0.5	2.33	16 24	1.4	0 27	3.2
9	21 4 56	148	−12 52.0	+13.2	60.4	21 55.9	2.29	16 54	1.2	1 46	3.4
10	22 3 34	146	− 7 10.0	+15.1	61.1	22 50.4	2.26	17 20	1.0	3 9	3.5
11	23 1 42	145	− 0 54.6	+15.9	61.4	23 44.5	2.25	17 44	1.0	4 34	3.6
12	—	—	—	—	—	—	—	18 7	1.0	6 1	3.6
13	23 59 59	146	+ 5 26.0	+15.6	61.4	0 38.7	2.26	18 31	1.0	7 27	3.6
14	0 59 4	149	+11 22.9	+14.0	61.0	1 33.6	2.31	18 58	1.2	8 53	3.5
15	1 59 22	152	+16 28.7	+11.3	60.3	2 29.8	2.37	19 31	1.5	10 17	3.4
16	3 0 48	154	+20 21.4	+ 7.9	59.4	3 27.2	2.41	20 11	1.8	11 36	3.1
17	4 2 41	154	+22 46.8	+ 4.2	58.5	4 25.0	2.40	20 59	2.2	12 47	2.7
18	5 3 51	151	+23 40.3	+ 0.4	57.5	5 22.0	2.34	21 55	2.5	13 46	2.2
19	6 3 4	145	+23 6.3	− 3.1	56.6	6 17.1	2.24	22 58	2.7	14 33	1.7
20	6 59 25	137	+21 15.7	− 6.0	55.8	7 9.4	2.11	—	—	15 10	1.4
21	7 52 34	129	+18 22.7	− 8.3	55.2	7 58.5	1.98	0 5	2.8	15 39	1.1
22	8 42 40	122	+14 41.9	−10.0	54.7	8 44.5	1.86	1 12	2.8	16 3	0.9
23	9 30 16	116	+10 26.6	−11.2	54.3	9 28.1	1.77	2 19	2.8	16 23	0.8

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log sin $p_{☾}$		Halbmesser		Länge	Breite
	h m s	m s	° ′	° ′			′ ″	″	°	°
März 23.5	9 35 2	44 23	+ 9 59.0	4 31.5	8.19837	173	14 49.0	3.6	142.788	−4.167
24.5	10 19 25	43 33	5 27.5	4 42.0	8.19664	88	14 45.4	1.8	154.704	4.648
25.5	11 2 58	43 25	+ 0 45.5	4 43.2	8.19576	10	14 43.6	0.2	166.583	4.926
26.5	11 46 23	43 59	− 3 57.7	4 34.8	8.19566	60	14 43.4	1.3	178.455	4.989
27.5	12 30 22	45 12	8 32.5	4 16.6	8.19626	130	14 44.7	2.6	190.346	4.834
28.5	13 15 34	46 59	12 49.1	3 47.9	8.19756	198	14 47.3	4.1	202.277	4.468
29.5	14 2 33	49 9	−16 37.0	3 8.3	8.19954	270	14 51.4	5.5	214.271	−3.901
30.5	14 51 42	51 29	19 45.3	2 17.4	8.20224	346	14 56.9	7.2	226.356	3.153
31.5	15 43 11	53 36	22 2.7	1 16.0	8.20570	424	15 4.1	8.9	238.569	2.251
April 1.5	16 36 47	55 15	23 18.7	0 6.4	8.20994	501	15 13.0	10.6	250.960	1.227
2.5	17 32 2	56 7	23 25.1	1 8.5	8.21495	570	15 23.6	12.2	263.586	−0.123
3.5	18 28 9	56 14	22 16.6	2 23.7	8.22065	619	15 35.8	13.4	276.511	+1.014
4.5	19 24 23	55 48	−19 52.9	3 34.4	8.22684	637	15 49.2	14.0	289.799	+2.129
5.5	20 20 11	55 11	16 18.5	4 35.8	8.23321	611	16 3.2	13.7	303.504	3.157
6.5	21 15 22	54 46	11 42.7	5 23.0	8.23932	530	16 16.9	12.0	317.651	4.027
7.5	22 10 8	54 51	6 19.7	5 52.0	8.24462	391	16 28.9	8.9	332.227	4.664
8.5	23 4 59	55 37	− 0 27.7	5 58.7	8.24853	201	16 37.8	4.6	347.164	5.003
9.5	0 0 36	57 1	+ 5 31.0	5 40.4	8.25054	21	16 42.4	0.5	2.339	4.999
10.5	0 57 37	58 46	+11 11.4	4 56.8	8.25033	248	16 41.9	5.7	17.583	+4.642
11.5	1 56 23	60 23	16 8.2	3 50.4	8.24785	450	16 36.2	10.2	32.712	3.962
12.5	2 56 46	61 13	19 58.6	2 27.8	8.24335	602	16 26.0	13.6	47.560	3.022
13.5	3 57 59	60 47	22 26.4	0 58.7	8.23733	692	16 12.4	15.4	62.003	1.908
14.5	4 58 46	58 56	23 25.1	0 27.5	8.23041	719	15 57.0	15.7	75.977	+0.711
15.5	5 57 42	56 3	22 57.6	1 43.1	8.22322	690	15 41.3	14.8	89.470	−0.489
16.5	6 53 45	52 44	+21 14.5	2 44.2	8.21632	618	15 26.5	13.1	102.515	−1.626
17.5	7 46 29	49 31	18 30.3	3 30.8	8.21014	517	15 13.4	10.8	115.173	2.648
18.5	8 36 0	46 50	14 59.5	4 4.0	8.20497	399	15 2.6	8.3	127.520	3.521
19.5	9 22 50	44 52	10 55.5	4 25.8	8.20098	277	14 54.3	5.7	139.638	4.218
20.5	10 7 42	43 44	6 29.7	4 38.0	8.19821	157	14 48.6	3.2	151.602	4.721
21.5	10 51 26	43 23	+ 1 51.7	4 41.1	8.19664	47	14 45.4	0.9	163.484	5.015
22.5	11 34 49	43 49	− 2 49.4	4 35.4	8.19617	49	14 44.5	1.0	175.341	−5.094
23.5	12 18 38	45 0	7 24.8	4 20.4	8.19666	132	14 45.5	2.7	187.222	4.952
24.5	13 3 38	46 45	11 45.2	3 54.9	8.19798	201	14 48.2	4.1	199.164	4.594
25.5	13 50 23	48 59	15 40.1	3 18.2	8.19999	256	14 52.3	5.3	211.195	4.030
26.5	14 39 22	51 19	18 58.3	2 29.6	8.20255	305	14 57.6	6.3	223.338	3.277
27.5	15 30 41	53 29	21 27.9	1 29.9	8.20560	347	15 3.9	7.2	235.612	2.363
28.5	16 24 10	55 3	−22 57.8	0 21.4	8.20907	386	15 11.1	8.2	248.040	−1.323
29.5	17 19 13	55 47	23 19.2	0 52.0	8.21293	423	15 19.3	9.0	260.647	−0.201
30.5	18 15 0	55 37	22 27.2	2 5.4	8.21716	457	15 28.3	9.8	273.465	+0.951
Mai 1.5	19 10 37	54 52	20 21.8	3 13.6	8.22173	482	15 38.1	10.5	286.530	2.078
2.5	20 5 29	53 54	17 8.2	4 12.9	8.22655	490	15 48.6	10.7	299.882	3.117
3.5	20 59 23		12 55.3		8.23145		15 59.3		313.552	4.006

Tag	Obere Kulmination im Nullmeridian: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, +50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
	h m s	s	° '	'	'	h m	m	h m	m	h m	m
März 23	9 30 16	116	+10 26.6	−11.2	54.3	9 28.1	1.77	2 19	2.8	16 23	0.8
24	10 16 4	113	+ 5 48.8	−11.9	54.1	10 9.8	1.71	3 25	2.7	16 41	0.7
25	11 0 53	111	+ 0 59.2	−12.2	54.0	10 50.6	1.69	4 30	2.7	16 59	0.7
26	11 45 30	112	− 3 52.0	−12.0	53.9	11 31.1	1.70	5 35	2.7	17 16	0.7
27	12 30 45	115	− 8 34.8	−11.4	54.0	12 12.3	1.74	6 40	2.7	17 34	0.8
28	13 17 19	119	−12 58.4	−10.4	54.2	12 54.8	1.80	7 46	2.7	17 55	0.9
29	14 5 52	124	−16 51.4	− 8.9	54.5	13 39.3	1.90	8 52	2.7	18 19	1.1
30	14 56 49	131	−20 1.7	− 6.9	54.8	14 26.2	2.01	9 58	2.7	18 48	1.3
31	15 50 20	137	−22 16.8	− 4.3	55.3	15 15.6	2.11	11 3	2.6	19 24	1.7
April 1	16 46 11	142	−23 25.0	− 1.3	55.9	16 7.4	2.19	12 3	2.4	20 10	2.1
2	17 43 42	145	−23 17.0	+ 2.0	56.5	17 0.8	2.24	12 57	2.1	21 6	2.5
3	18 42 2	146	−21 48.1	+ 5.4	57.3	17 55.1	2.26	13 43	1.7	22 12	2.9
4	19 40 18	145	−18 58.9	+ 8.7	58.2	18 49.2	2.24	14 21	1.4	23 26	3.2
5	20 38 0	143	−14 55.9	+11.5	59.1	19 42.8	2.22	14 52	1.2	—	—
6	21 35 1	142	− 9 51.6	+13.7	59.9	20 35.8	2.20	15 19	1.1	0 44	3.3
7	22 31 44	142	− 4 3.1	+15.1	60.6	21 28.4	2.20	15 43	1.0	2 5	3.4
8	23 28 51	144	+ 2 7.6	+15.6	61.1	22 21.4	2.23	16 6	1.0	3 28	3.5
9	0 27 9	148	+ 8 14.5	+14.8	61.2	23 15.6	2.29	16 30	1.0	4 53	3.6
10	—	—	—	—	—	—	—	16 56	1.2	6 19	3.6
11	1 27 15	153	+13 49.2	+12.9	61.0	0 11.7	2.37	17 26	1.4	7 45	3.5
12	2 29 20	157	+18 24.0	+ 9.9	60.5	1 9.6	2.45	18 3	1.7	9 8	3.3
13	3 32 50	159	+21 36.4	+ 6.1	59.7	2 9.0	2.49	18 49	2.1	10 25	3.0
14	4 36 29	158	+23 13.8	+ 2.0	58.8	3 8.6	2.46	19 44	2.5	11 32	2.5
15	5 38 36	152	+23 15.6	− 1.8	57.8	4 6.6	2.36	20 47	2.7	12 26	2.0
16	6 37 48	144	+21 51.4	− 5.1	56.8	5 1.7	2.22	21 54	2.8	13 8	1.5
17	7 33 22	134	+19 17.1	− 7.6	56.0	5 53.2	2.07	23 2	2.8	13 41	1.2
18	8 25 17	126	+15 49.5	− 9.5	55.3	6 41.0	1.93	—	—	14 7	1.0
19	9 14 5	119	+11 44.0	−10.8	54.8	7 25.8	1.81	0 10	2.8	14 28	0.8
20	10 0 35	114	+ 7 13.6	−11.6	54.3	8 8.2	1.73	1 16	2.7	14 47	0.8
21	10 45 40	112	+ 2 28.9	−12.0	54.1	8 49.2	1.69	2 21	2.7	15 5	0.7
22	11 30 17	112	− 2 20.2	−12.0	54.0	9 29.8	1.69	3 26	2.7	15 22	0.7
23	12 15 17	114	− 7 4.3	−11.6	54.1	10 10.7	1.72	4 31	2.7	15 40	0.8
24	13 1 29	118	−11 33.6	−10.7	54.2	10 52.9	1.79	5 36	2.7	16 0	0.9
25	13 49 37	123	−15 36.7	− 9.4	54.5	11 37.0	1.88	6 42	2.8	16 23	1.1
26	14 40 10	130	−19 1.2	− 7.5	54.8	12 23.4	1.99	7 49	2.8	16 51	1.3
27	15 33 20	136	−21 34.0	− 5.1	55.2	13 12.5	2.10	8 55	2.7	17 26	1.6
28	16 28 52	141	−23 2.5	− 2.2	55.7	14 4.0	2.19	9 57	2.5	18 9	2.0
29	17 26 4	144	−23 16.9	+ 1.0	56.2	14 57.1	2.23	10 53	2.2	19 2	2.4
30	18 23 56	145	−22 12.0	+ 4.4	56.8	15 50.9	2.24	11 41	1.8	20 5	2.8
Mai 1	19 21 32	143	−19 48.8	+ 7.5	57.4	16 44.4	2.21	12 20	1.5	21 15	3.0
2	20 18 11	140	−16 13.9	+10.3	58.1	17 36.9	2.17	12 53	1.3	22 30	3.2
3	21 13 46	138	−11 38.5	+12.5	58.8	18 28.4	2.13	13 21	1.1	23 48	3.3

Mittlere Zeit Greenwich		Scheinbare Rektaszension h m s		Scheinbare Deklination ° ′		log sin $p_☾$		Halbmesser ′ ″		Länge °	Breite °
Mai	3.5	20 59 23	53 8	−12 55.3	4 59.6	8.23145	474	15 59.3	10.6	313.552	+4.006
	4.5	21 52 31	52 56	7 55.7	5 31.4	8.23619	423	16 9.9	9.4	327.557	4.680
	5.5	22 45 27	53 31	− 2 24.3	5 45.3	8.24042	330	16 19.3	7.5	341.890	5.081
	6.5	23 38 58	54 54	+ 3 21.0	5 38.7	8.24372	196	16 26.8	4.5	356.507	5.164
	7.5	0 33 52	56 57	8 59.7	5 9.2	8.24568	28	16 31.3	0.6	11.325	4.907
	8.5	1 30 49	59 14	14 8.9	4 16.5	8.24596	158	16 31.9	3.6	26.225	4.319
	9.5	2 30 3	61 6	+18 25.4	3 3.1	8.24438	339	16 28.3	7.7	41.069	+3.441
	10.5	3 31 9	61 50	21 28.5	1 36.1	8.24099	493	16 20.6	11.0	55.720	2.346
	11.5	4 32 59	60 58	23 4.6	0 5.7	8.23606	601	16 9.6	13.4	70.061	+1.121
	12.5	5 33 57	58 36	23 10.3	1 17.8	8.23005	656	15 56.2	14.3	84.016	−0.142
	13.5	6 32 33	55 16	21 52.5	2 27.6	8.22349	656	15 41.9	14.1	97.550	1.361
	14.5	7 27 49	51 43	19 24.9	3 20.8	8.21693	607	15 27.8	12.9	110.667	2.472
	15.5	8 19 32	48 30	+16 4.1	3 58.6	8.21086	519	15 14.9	10.9	123.403	−3.427
	16.5	9 8 2	45 59	12 5.5	4 23.0	8.20567	405	15 4.0	8.4	135.818	4.196
	17.5	9 54 1	44 20	7 42.5	4 36.5	8.20162	276	14 55.6	5.6	147.984	4.759
	18.5	10 38 21	43 33	+ 3 6.0	4 40.9	8.19886	143	14 50.0	2.9	159.976	5.106
	19.5	11 21 54	43 40	− 1 34.9	4 36.8	8.19743	13	14 47.1	0.3	171.873	5.230
	20.5	12 5 34	44 35	6 11.7	4 24.2	8.19730	103	14 46.8	2.1	183.746	5.130
	21.5	12 50 9	46 15	−10 35.9	4 2.2	8.19833	203	14 48.9	4.2	195.658	−4.809
	22.5	13 36 24	48 30	14 38.1	3 29.1	8.20036	282	14 53.1	5.8	207.666	4.275
	23.5	14 24 54	51 3	18 7.2	2 44.1	8.20318	338	14 58.9	7.0	219.811	3.544
	24.5	15 15 57	53 30	20 51.3	1 47.0	8.20656	373	15 5.9	7.8	232.128	2.637
	25.5	16 9 27	55 25	22 38.3	0 39.2	8.21029	389	15 13.7	8.2	244.639	1.590
	26.5	17 4 52	56 24	23 17.5	0 35.1	8.21418	390	15 21.9	8.3	257.358	−0.446
	27.5	18 1 16	56 21	−22 42.4	1 50.3	8.21808	380	15 30.2	8.2	270.294	+0.742
	28.5	18 57 37	55 26	20 52.1	3 0.6	8.22188	364	15 38.4	7.9	283.449	1.911
	29.5	19 53 3	54 5	17 51.5	4 0.8	8.22552	345	15 46.3	7.6	296.827	2.997
	30.5	20 47 8	52 49	13 50.7	4 47.7	8.22897	319	15 53.9	7.0	310.427	3.932
	31.5	21 39 57	52 2	9 3.0	5 19.5	8.23216	286	16 0.9	6.3	324.243	4.656
Juni	1.5	22 31 59	52 2	− 3 43.5	5 34.8	8.23502	240	16 7.2	5.4	338.265	5.116
	2.5	23 24 1	52 54	+ 1 51.3	5 32.3	8.23742	174	16 12.6	3.9	352.469	+5.272
	3.5	0 16 55	54 35	7 23.6	5 10.6	8.23916	87	16 16.5	2.0	6.819	5.104
	4.5	1 11 30	56 51	12 34.2	4 28.5	8.24003	23	16 18.5	0.5	21.261	4.614
	5.5	2 8 21	59 9	17 2.7	3 26.4	8.23980	146	16 18.0	3.3	35.723	3.831
	6.5	3 7 30	60 47	20 29.1	2 8.0	8.23834	277	16 14.7	6.2	50.122	2.809
	7.5	4 8 17	61 8	22 37.1	0 40.5	8.23557	395	16 8.5	8.8	64.374	1.621
	8.5	5 9 25	59 49	+23 17.6	0 46.4	8.23162	489	15 59.7	10.8	78.399	+0.352
	9.5	6 9 14	57 11	22 31.2	2 3.5	8.22673	549	15 48.9	11.9	92.134	−0.913
	10.5	7 6 25	53 50	20 27.7	3 5.3	8.22124	565	15 37.0	12.1	105.541	2.096
	11.5	8 0 15	50 26	17 22.4	3 50.2	8.21559	537	15 24.9	11.3	118.607	3.139
	12.5	8 50 41	47 31	13 32.2	4 19.8	8.21022	472	15 13.6	9.9	131.342	3.999
	13.5	9 38 12		9 12.4		8.20550		15 3.7		143.783	4.648

Tag		Obere Kulmination im Nullmeridian							0h Länge, + 50° Breite			
Tag		AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
		h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Mai	3	21 13 46	138	−11 38.5	+12.5	58.8	18 28.4	2.13	13 21	1.1	23 48	3.3
	4	22 8 39	137	− 6 17.2	+14.1	59.4	19 19.2	2.11	13 45	1.0	—	—
	5	23 3 34	138	− 0 27.4	+14.9	60.0	20 10.1	2.13	14 7	0.9	1 7	3.3
	6	23 59 25	142	+ 5 30.4	+14.8	60.4	21 1.8	2.19	14 30	1.0	2 27	3.4
	7	0 57 9	147	+11 12.5	+13.6	60.6	21 55.5	2.29	14 54	1.1	3 50	3.5
	8	1 57 21	154	+16 12.9	+11.3	60.5	22 51.6	2.39	15 22	1.3	5 14	3.5
	9	3 0 1	159	+20 6.0	+ 8.0	60.1	23 50.1	2.48	15 55	1.6	6 38	3.4
	10	—	—	—	—	—	—	—	16 37	1.9	7 58	3.2
	11	4 4 14	161	+22 31.3	+ 4.0	59.5	0 50.3	2.52	17 28	2.3	9 11	2.8
	12	5 8 21	158	+23 18.8	− 0.1	58.7	1 50.3	2.47	18 29	2.7	10 12	2.3
	13	6 10 27	151	+22 31.5	− 3.8	57.8	2 48.3	2.35	19 36	2.9	11 1	1.8
	14	7 9 8	142	+20 22.8	− 6.8	57.0	3 42.9	2.19	20 46	2.9	11 38	1.4
	15	8 3 52	132	+17 11.1	− 9.1	56.1	4 33.5	2.03	21 56	2.9	12 7	1.1
	16	8 54 51	123	+13 14.7	−10.6	55.4	5 20.4	1.89	23 4	2.8	12 31	0.9
	17	9 42 51	117	+ 8 49.1	−11.5	54.8	6 4.4	1.78	—	—	12 52	0.8
	18	10 28 47	113	+ 4 6.9	−12.0	54.4	6 46.2	1.71	0 10	2.7	13 10	0.7
	19	11 13 40	112	− 0 41.7	−12.0	54.2	7 27.1	1.69	1 15	2.7	13 28	0.7
	20	11 58 29	113	− 5 27.7	−11.7	54.1	8 7.8	1.71	2 20	2.7	13 45	0.7
	21	12 44 10	116	−10 2.0	−11.1	54.2	8 49.5	1.76	3 25	2.7	14 4	0.8
	22	13 31 35	121	−14 14.6	− 9.9	54.5	9 32.8	1.85	4 31	2.8	14 26	1.0
	23	14 21 24	127	−17 53.8	− 8.2	54.9	10 18.6	1.96	5 38	2.8	14 52	1.2
	24	15 14 2	135	−20 46.2	− 6.0	55.3	11 7.1	2.08	6 44	2.7	15 25	1.5
	25	16 9 23	141	−22 38.3	− 3.2	55.8	11 58.4	2.19	7 48	2.6	16 6	1.9
	26	17 6 53	146	−23 17.6	0.0	56.4	12 51.8	2.26	8 47	2.3	16 56	2.3
	27	18 5 27	147	−22 36.9	+ 3.4	56.9	13 46.3	2.27	9 38	2.0	17 57	2.7
	28	19 3 52	145	−20 35.3	+ 6.7	57.4	14 40.6	2.24	10 21	1.6	19 6	3.0
	29	20 1 10	141	−17 19.3	+ 9.6	57.9	15 33.8	2.19	10 56	1.3	20 20	3.2
	30	20 56 57	138	−13 0.8	+11.9	58.3	16 25.5	2.12	11 25	1.1	21 37	3.2
	31	21 51 24	135	− 7 55.1	+13.5	58.7	17 15.9	2.08	11 50	1.0	22 54	3.3
Juni	1	22 45 10	134	− 2 19.3	+14.4	59.1	18 5.6	2.07	12 12	0.9	—	—
	2	23 39 9	136	+ 3 28.2	+14.5	59.5	18 55.5	2.10	12 34	0.9	0 13	3.3
	3	0 34 23	140	+ 9 7.6	+13.7	59.7	19 46.6	2.17	12 57	1.0	1 32	3.3
	4	1 31 45	147	+14 17.1	+12.0	59.8	20 39.9	2.27	13 22	1.1	2 53	3.4
	5	2 31 44	153	+18 33.8	+ 9.3	59.7	21 35.8	2.38	13 51	1.3	4 14	3.4
	6	3 34 7	158	+21 35.9	+ 5.8	59.4	22 34.1	2.46	14 28	1.7	5 34	3.3
	7	4 37 47	159	+23 7.8	+ 1.8	58.9	23 33.6	2.48	15 15	2.2	6 50	3.0
	8	—	—	—	—	—	—	—	16 11	2.5	7 56	2.5
	9	5 40 57	156	+23 3.7	− 2.1	58.3	0 32.7	2.42	17 16	2.8	8 51	2.0
	10	6 41 46	148	+21 30.4	− 5.5	57.5	1 29.4	2.29	18 26	3.0	9 34	1.6
	11	7 39 5	138	+18 43.0	− 8.2	56.8	2 22.6	2.13	19 37	3.0	10 7	1.2
	12	8 32 34	129	+15 0.8	−10.1	56.0	3 12.0	1.98	20 47	2.9	10 33	1.0
	13	9 22 35	121	+10 41.8	−11.3	55.4	3 58.0	1.85	21 55	2.8	10 55	0.8

Mittlere Zeit Greenwich		Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log sin $p_☾$	Diff.	Halbmesser	Diff.	Länge	Breite
		h m s	m s	° ′	° ′			′ ″	″	°	°
Juni	13.5	9 38 12	45 22	+ 9 12.4	4 36.3	8.20550	373	15 3.7	7.7	143.783	−4.648
	14.5	10 23 34	44 5	+ 4 36.1	4 42.5	8.20177	253	14 56.0	5.2	155.981	5.073
	15.5	11 7 39	43 42	− 0 6.4	4 39.7	8.19924	119	14 50.8	2.5	168.002	5.268
	16.5	11 51 21	44 11	4 46.1	4 28.8	8.19805	19	14 48.3	0.4	179.918	5.235
	17.5	12 35 32	45 31	9 14.9	4 9.2	8.19824	151	14 48.7	3.1	191.805	4.978
	18.5	13 21 3	47 33	13 24.1	3 40.0	8.19975	269	14 51.8	5.5	203.738	4.507
	19.5	14 8 36	50 6	−17 4.1	2 59.7	8.20244	365	14 57.3	7.6	215.790	−3.833
	20.5	14 58 42	52 48	20 3.8	2 7.0	8.20609	432	15 4.9	9.1	228.021	2.976
	21.5	15 51 30	55 14	22 10.8	1 2.4	8.21041	469	15 14.0	9.9	240.483	1.963
	22.5	16 46 44	56 53	23 13.2	0 11.4	8.21510	473	15 23.9	10.1	253.213	−0.833
	23.5	17 43 37	57 24	23 1.8	1 29.3	8.21983	446	15 34.0	9.6	266.229	+0.365
	24.5	18 41 1	56 50	21 32.5	2 44.5	8.22429	393	15 43.6	8.6	279.534	1.569
	25.5	19 37 51	55 33	−18 48.0	3 50.3	8.22822	324	15 52.2	7.1	293.108	+2.707
	26.5	20 33 24	54 0	14 57.7	4 42.1	8.23146	247	15 59.3	5.5	306.918	3.707
	27.5	21 27 24	52 46	10 15.6	5 16.9	8.23393	169	16 4.8	3.8	320.917	4.500
	28.5	22 20 10	52 9	− 4 58.7	5 33.9	8.23562	97	16 8.6	2.1	335.053	5.029
	29.5	23 12 19	52 22	+ 0 35.2	5 32.6	8.23659	30	16 10.7	0.7	349.270	5.254
	30.5	0 4 41	53 23	6 7.8	5 13.2	8.23689	33	16 11.4	0.7	3.517	5.158
Juli	1.5	0 58 4	55 7	+11 21.0	4 35.5	8.23656	93	16 10.7	2.1	17.748	+4.746
	2.5	1 53 11	57 9	15 56.5	3 40.0	8.23563	156	16 8.6	3.5	31.923	4.047
	3.5	2 50 20	58 56	19 36.5	2 29.3	8.23407	222	16 5.1	4.9	46.004	3.109
	4.5	3 49 16	59 51	22 5.8	1 7.9	8.23185	290	16 0.2	6.4	59.959	1.993
	5.5	4 49 7	59 24	23 13.7	0 16.6	8.22895	356	15 53.8	7.8	73.755	+0.774
	6.5	5 48 31	57 38	22 57.1	1 36.1	8.22539	411	15 46.0	8.9	87.358	−0.472
	7.5	6 46 9	54 53	+21 21.0	2 43.6	8.22128	447	15 37.1	9.6	100.741	−1.670
	8.5	7 41 2	51 46	18 37.4	3 35.6	8.21681	459	15 27.5	9.7	113.879	2.755
	9.5	8 32 48	48 49	15 1.8	4 11.8	8.21222	440	15 17.8	9.3	126.760	3.676
	10.5	9 21 37	46 27	10 50.0	4 33.6	8.20782	391	15 8.5	8.1	139.383	4.397
	11.5	10 8 4	44 48	6 16.4	4 43.3	8.20391	311	15 0.4	6.4	151.765	4.896
	12.5	10 52 52	43 59	+ 1 33.1	4 42.7	8.20080	208	14 54.0	4.3	163.936	5.164
	13.5	11 36 51	44 1	− 3 9.6	4 33.5	8.19872	84	14 49.7	1.7	175.945	−5.201
	14.5	12 20 52	44 51	7 43.1	4 15.9	8.19788	50	14 48.0	1.0	187.852	5.012
	15.5	13 5 43	46 28	11 59.0	3 49.5	8.19838	188	14 49.0	3.8	199.727	4.610
	16.5	13 52 11	48 41	15 48.5	3 13.3	8.20026	318	14 52.8	6.6	211.649	4.008
	17.5	14 40 52	51 19	19 1.8	2 26.2	8.20344	431	14 59.4	9.0	223.697	3.224
	18.5	15 32 11	53 57	21 28.0	1 27.3	8.20775	519	15 8.4	10.9	235.950	2.280
	19.5	16 26 8	56 10	−22 55.3	0 17.6	8.21294	571	15 19.3	12.2	248.479	−1.208
	20.5	17 22 18	57 29	23 12.9	0 59.2	8.21865	581	15 31.5	12.5	261.343	−0.049
	21.5	18 19 47	57 44	22 13.7	2 17.8	8.22446	545	15 44.0	11.9	274.578	+1.143
	22.5	19 17 31	57 2	19 55.9	3 30.8	8.22991	467	15 55.9	10.4	288.191	2.302
	23.5	20 14 33	55 48	16 25.1	4 31.3	8.23458	354	16 6.3	7.9	302.158	3.352
	24.5	21 10 21		11 53.8		8.23812		16 14.2		316.419	4.216

Obere Kulmination im Nullmeridian									0h Länge, +50° Breite			
Tag	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Juni 13	9 22 35	121	+10 41.8	−11.3	55.4	3 58.0	1.85	21 55	2.8	10 55	0.8
14	10 9 56	116	+ 6 1.4	−11.9	54.9	4 41.3	1.76	23 1	2.7	11 14	0.8
15	10 55 34	113	+ 1 11.6	−12.1	54.5	5 22.8	1.71	—	—	11 32	0.7
16	11 40 31	112	− 3 37.6	−11.9	54.3	6 3.8	1.71	0 6	2.7	11 50	0.8
17	12 25 47	114	− 8 17.5	−11.3	54.3	6 45.0	1.74	1 11	2.7	12 9	0.8
18	13 12 18	119	−12 38.9	−10.4	54.4	7 27.4	1.81	2 17	2.7	12 29	0.9
19	14 0 55	125	−16 31.7	− 8.9	54.7	8 12.0	1.91	3 23	2.7	12 53	1.1
20	14 52 15	132	−19 43.9	− 7.0	55.2	8 59.2	2.03	4 29	2.7	13 23	1.4
21	15 46 37	139	−22 1.8	− 4.4	55.8	9 49.5	2.16	5 35	2.7	14 0	1.7
22	16 43 43	145	−23 11.7	− 1.3	56.4	10 42.5	2.26	6 37	2.5	14 47	2.2
23	17 42 43	149	−23 2.6	+ 2.1	57.0	11 37.4	2.31	7 32	2.1	15 45	2.6
24	18 42 19	149	−21 29.6	+ 5.6	57.6	12 32.9	2.31	8 19	1.8	16 52	3.0
25	19 41 17	146	−18 35.8	+ 8.8	58.2	13 27.8	2.26	8 57	1.4	18 6	3.2
26	20 38 45	142	−14 32.0	+11.4	58.6	14 21.2	2.19	9 28	1.2	19 24	3.3
27	21 34 32	138	− 9 34.8	+13.2	58.9	15 12.9	2.12	9 55	1.0	20 43	3.3
28	22 29 0	135	− 4 3.0	+14.3	59.2	16 3.3	2.08	10 18	0.9	22 2	3.3
29	23 22 56	135	+ 1 43.5	+14.5	59.3	16 53.1	2.08	10 40	0.9	23 21	3.3
30	0 17 17	137	+ 7 24.9	+13.8	59.3	17 43.4	2.12	11 2	1.0	—	—
Juli 1	1 13 0	142	+12 41.1	+12.4	59.2	18 35.0	2.19	11 26	1.1	0 40	3.3
2	2 10 46	147	+17 11.8	+10.1	59.1	19 28.7	2.29	11 54	1.3	2 0	3.3
3	3 10 49	153	+20 37.6	+ 7.0	58.8	20 24.7	2.37	12 27	1.5	3 19	3.2
4	4 12 36	156	+22 42.4	+ 3.4	58.5	21 22.3	2.42	13 8	1.9	4 34	3.0
5	5 14 51	155	+23 16.8	− 0.5	58.0	22 20.5	2.41	13 59	2.3	5 43	2.7
6	6 15 56	150	+22 21.2	− 4.1	57.5	23 17.5	2.33	14 59	2.7	6 41	2.2
7	—	—	—	—	—	—	—	16 7	2.9	7 28	1.7
8	7 14 26	142	+20 5.4	− 7.1	56.9	0 11.9	2.20	17 18	3.0	8 5	1.3
9	8 9 33	133	+16 45.6	− 9.4	56.3	1 2.9	2.05	18 29	2.9	8 34	1.1
10	9 1 17	125	+12 40.0	−10.9	55.7	1 50.6	1.92	19 38	2.8	8 58	0.9
11	9 50 6	119	+ 8 5.5	−11.8	55.2	2 35.3	1.81	20 46	2.8	9 19	0.8
12	10 36 46	115	+ 3 16.3	−12.2	54.7	3 17.9	1.74	21 52	2.7	9 38	0.7
13	11 22 13	113	− 1 35.8	−12.1	54.4	3 59.3	1.71	22 57	2.7	9 55	0.7
14	12 7 23	113	− 6 21.1	−11.6	54.2	4 40.4	1.72	—	—	10 13	0.8
15	12 53 12	116	−10 50.6	−10.8	54.3	5 22.2	1.77	0 2	2.7	10 33	0.9
16	13 40 33	121	−14 54.9	− 9.5	54.5	6 5.5	1.85	1 7	2.7	10 56	1.0
17	14 30 12	128	−18 23.9	− 7.8	54.8	6 51.1	1.96	2 13	2.8	11 22	1.2
18	15 22 42	135	−21 5.6	− 5.6	55.3	7 39.5	2.08	3 19	2.7	11 55	1.5
19	16 18 9	142	−22 46.7	− 2.8	56.0	8 30.9	2.20	4 22	2.5	12 37	2.0
20	17 16 10	147	−23 14.7	+ 0.5	56.8	9 24.8	2.29	5 20	2.3	13 30	2.5
21	18 15 47	150	−22 20.3	+ 4.0	57.6	10 20.3	2.33	6 11	1.9	14 34	2.9
22	19 15 46	149	−20 1.2	+ 7.5	58.3	11 16.2	2.32	6 53	1.6	15 46	3.1
23	20 15 0	146	−16 23.2	+10.5	59.0	12 11.3	2.27	7 28	1.3	17 4	3.3
24	21 12 50	143	−11 40.4	+12.9	59.5	13 5.1	2.21	7 57	1.1	18 24	3.4

Mittlere Zeit Greenwich		Scheinbare Rektaszension		Scheinbare Deklination		log sin $p_{☾}$		Halbmesser		Länge	Breite
		h m s	m s	° ′	° ′			′ ″	″	°	°
Juli	24.5	21 10 21	54 31	−11 53.8	5 14.8	8.23812	219	16 14.2	4.9	316.419	+4.216
	25.5	22 4 52	53 38	6 39.0	5 38.3	8.24031	81	16 19.1	1.8	330.886	4.822
	26.5	22 58 30	53 24	− 1 0.7	5 41.2	8.24112	49	16 20.9	1.1	345.451	5.123
	27.5	23 51 54	53 55	+ 4 40.5	5 23.8	8.24063	156	16 19.8	3.5	0.009	5.093
	28.5	0 45 49	55 3	10 4.3	4 47.4	8.23907	240	16 16.3	5.4	14.466	4.741
	29.5	1 40 52	56 33	14 51.7	3 53.6	8.23667	297	16 10.9	6.6	28.754	4.096
	30.5	2 37 25	57 58	+18 45.3	2 45.7	8.23370	336	16 4.3	7.4	42.833	+3.212
	31.5	3 35 23	58 47	21 31.0	1 27.9	8.23034	358	15 56.9	7.9	56.686	2.152
Aug.	1.5	4 34 10	58 32	22 58.9	0 6.3	8.22676	374	15 49.0	8.1	70.314	+0.987
	2.5	5 32 42	57 11	23 5.2	1 12.0	8.22302	383	15 40.9	8.3	83.725	−0.214
	3.5	6 29 53	54 53	21 53.2	2 21.1	8.21919	387	15 32.6	8.3	96.930	1.383
	4.5	7 24 46	52 9	19 32.1	3 17.1	8.21532	386	15 24.3	8.1	109.937	2.459
	5.5	8 16 55	49 25	+16 15.0	3 58.6	8.21146	373	15 16.2	7.9	122.749	−3.392
	6.5	9 6 20	47 5	12 16.4	4 25.7	8.20773	346	15 8.3	7.2	135.368	4.141
	7.5	9 53 25	45 21	7 50.7	4 40.1	8.20427	302	15 1.1	6.2	147.798	4.680
	8.5	10 38 46	44 20	+ 3 10.6	4 43.3	8.20125	235	14 54.9	4.8	160.048	4.994
	9.5	11 23 6	44 2	− 1 32.7	4 36.7	8.19890	149	14 50.1	3.1	172.135	5.078
	10.5	12 7 8	44 30	6 9.4	4 21.3	8.19741	43	14 47.0	0.9	184.091	4.939
	11.5	12 51 38	45 39	−10 30.7	3 57.0	8.19698	77	14 46.1	1.6	195.960	−4.586
	12.5	13 37 17	47 26	14 27.7	3 23.9	8.19775	208	14 47.7	4.3	207.801	4.038
	13.5	14 24 43	49 39	17 51.6	2 41.1	8.19983	340	14 52.0	7.0	219.685	3.313
	14.5	15 14 22	52 6	20 32.7	1 48.0	8.20323	464	14 59.0	9.6	231.692	2.434
	15.5	16 6 28	54 22	22 20.7	0 44.7	8.20787	569	15 8.6	12.0	243.907	1.430
	16.5	17 0 50	56 7	23 5.4	0 26.9	8.21356	644	15 20.6	13.8	256.416	−0.336
	17.5	17 56 57	57 4	−22 38.5	1 43.3	8.22000	675	15 34.4	14.6	269.295	+0.806
	18.5	18 54 1	57 10	20 55.2	2 58.7	8.22675	655	15 49.0	14.4	282.606	1.940
	19.5	19 51 11	56 38	17 56.5	4 6.8	8.23330	577	16 3.4	12.9	296.375	2.999
	20.5	20 47 49	55 50	13 49.7	5 1.1	8.23907	446	16 16.3	10.1	310.590	3.905
	21.5	21 43 39	55 12	8 48.6	5 36.5	8.24353	274	16 26.4	6.2	325.188	4.582
	22.5	22 38 51	55 0	− 3 12.1	5 49.8	8.24627	80	16 32.6	1.9	340.054	4.964
	23.5	23 33 51	55 25	+ 2 37.7	5 39.9	8.24707	110	16 34.5	2.6	355.044	+5.009
	24.5	0 29 16	56 21	8 17.6	5 7.3	8.24597	274	16 31.9	6.2	9.998	4.714
	25.5	1 25 37	57 34	13 24.9	4 14.7	8.24323	399	16 25.7	9.0	24.776	4.105
	26.5	2 23 11	58 39	17 39.6	3 6.2	8.23924	478	16 16.7	10.7	39.275	3.241
	27.5	3 21 50	59 10	20 45.8	1 47.6	8.23446	514	16 6.0	11.4	53.437	2.194
	28.5	4 21 0	58 41	22 33.4	0 25.6	8.22932	518	15 54.6	11.3	67.249	+1.042
	29.5	5 19 41	57 11	+22 59.0	0 52.9	8.22414	496	15 43.3	10.7	80.727	−0.142
	30.5	6 16 52	54 52	22 6.1	2 2.6	8.21918	460	15 32.6	9.8	93.906	1.291
	31.5	7 11 44	52 12	20 3.5	3 0.0	8.21458	417	15 22.8	8.8	106.828	2.350
Sept.	1.5	8 3 56	49 32	17 3.5	3 44.0	8.21041	372	15 14.0	7.8	119.533	3.270
	2.5	8 53 28	47 15	13 19.5	4 14.6	8.20669	325	15 6.2	6.8	132.053	4.017
	3.5	9 40 43		9 4.9		8.20344		14 59.4		144.414	4.563

Tag	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
	Obere Kulmination im Nullmeridian							0h Länge, + 50° Breite			
	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Juli 24	21 12 50	143	−11 40.4	+12.9	59.5	13 5.1	2.21	7 57	1.1	18 24	3.4
25	22 9 16	140	− 6 12.0	+14.3	59.8	13 57.4	2.16	8 23	1.0	19 45	3.4
26	23 4 46	138	− 0 20.4	+14.8	59.9	14 48.9	2.13	8 46	0.9	21 7	3.4
27	0 0 6	139	+ 5 31.6	+14.4	59.8	15 40.1	2.14	9 8	0.9	22 28	3.4
28	0 56 6	142	+11 1.9	+13.0	59.6	16 32.0	2.19	9 32	1.0	23 48	3.3
29	1 53 30	146	+15 49.7	+10.8	59.2	17 25.3	2.26	9 58	1.2	—	—
30	2 52 36	150	+19 36.2	+ 7.9	58.8	18 20.3	2.33	10 29	1.4	1 7	3.3
31	3 53 10	153	+22 6.2	+ 4.5	58.3	19 16.8	2.37	11 7	1.8	2 24	3.1
Aug. 1	4 54 19	153	+23 10.2	+ 0.8	57.8	20 13.9	2.37	11 54	2.2	3 34	2.7
2	5 54 46	149	+22 46.6	− 2.7	57.3	21 10.2	2.31	12 50	2.5	4 35	2.3
3	6 53 14	143	+21 1.7	− 5.9	56.8	22 4.6	2.21	13 54	2.8	5 25	1.9
4	7 48 52	135	+18 8.4	− 8.4	56.2	22 56.1	2.08	15 3	2.9	6 5	1.5
5	8 41 25	128	+14 22.5	−10.3	55.7	23 44.6	1.96	16 13	2.9	6 36	1.2
6	—	—	—	—	—	—	—	17 23	2.9	7 2	1.0
7	9 31 8	121	+10 0.5	−11.5	55.2	0 30.3	1.85	18 31	2.8	7 24	0.8
8	10 18 36	116	+ 5 17.3	−12.0	54.8	1 13.7	1.77	19 38	2.8	7 43	0.8
9	11 4 34	114	+ 0 25.9	−12.1	54.5	1 55.6	1.72	20 43	2.7	8 1	0.7
10	11 49 54	113	− 4 22.6	−11.8	54.2	2 36.8	1.72	21 48	2.7	8 19	0.8
11	12 35 25	115	− 8 58.4	−11.1	54.1	3 18.3	1.75	22 53	2.7	8 38	0.8
12	13 21 55	118	−13 12.1	−10.0	54.2	4 0.8	1.80	23 58	2.7	8 59	0.9
13	14 10 10	123	−16 54.1	− 8.5	54.4	4 44.9	1.88	—	—	9 24	1.1
14	15 0 44	130	−19 54.0	− 6.5	54.8	5 31.4	1.99	1 3	2.7	9 54	1.4
15	15 53 58	136	−22 0.6	− 4.0	55.3	6 20.6	2.10	2 6	2.6	10 31	1.7
16	16 49 48	142	−23 2.0	− 1.0	56.0	7 12.3	2.20	3 6	2.4	11 18	2.2
17	17 47 45	147	−22 48.0	+ 2.3	56.9	8 6.2	2.28	3 59	2.1	12 15	2.6
18	18 46 55	148	−21 12.2	+ 5.7	57.8	9 1.3	2.31	4 45	1.8	13 22	3.0
19	19 46 18	148	−18 14.6	+ 9.0	58.8	9 56.6	2.29	5 24	1.5	14 38	3.3
20	20 45 8	146	−14 2.8	+11.8	59.6	10 51.3	2.26	5 56	1.2	15 58	3.4
21	21 43 4	144	− 8 51.9	+13.9	60.2	11 45.2	2.23	6 23	1.1	17 20	3.5
22	22 40 18	143	− 3 2.9	+15.0	60.6	12 38.3	2.21	6 48	1.0	18 43	3.5
23	23 37 21	143	+ 2 59.8	+15.0	60.7	13 31.3	2.21	7 11	1.0	20 6	3.5
24	0 34 53	145	+ 8 50.3	+14.0	60.5	14 24.7	2.24	7 35	1.1	21 30	3.5
25	1 33 30	148	+14 3.7	+12.0	60.1	15 19.2	2.30	8 2	1.2	22 52	3.4
26	2 33 30	152	+18 18.0	+ 9.1	59.6	16 15.1	2.36	8 33	1.4	—	—
27	3 34 39	154	+21 16.0	+ 5.7	58.8	17 12.2	2.39	9 9	1.7	0 11	3.2
28	4 36 8	153	+22 47.8	+ 2.0	58.1	18 9.6	2.38	9 53	2.0	1 25	2.9
29	5 36 48	150	+22 51.2	− 1.6	57.4	19 6.1	2.32	10 47	2.4	2 29	2.4
30	6 35 28	143	+21 32.3	− 4.8	56.7	20 0.7	2.22	11 48	2.7	3 22	2.0
31	7 31 21	136	+19 2.9	− 7.5	56.1	20 52.5	2.09	12 54	2.8	4 5	1.6
Sept. 1	8 24 14	129	+15 37.6	− 9.5	55.6	21 41.3	1.97	14 3	2.9	4 39	1.3
2	9 14 18	122	+11 31.6	−10.9	55.1	22 27.3	1.87	15 12	2.9	5 6	1.0
3	10 2 7	117	+ 6 59.3	−11.7	54.7	23 11.1	1.79	16 20	2.8	5 29	0.9

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log sin $p_☾$		Halbmesser		Länge	Breite
	h m s	m s	° ′	° ′			′ ″	″	°	°
Sept. 3.5	9 40 43	45 32	+ 9 4.9	4 32.9	8.20344	276	14 59.4	5.7	144.414	−4.563
4.5	10 26 15	44 28	+ 4 32.0	4 40.0	8.20068	221	14 53.7	4.5	156.632	4.891
5.5	11 10 43	44 5	− 0 8.0	4 37.0	8.19847	159	14 49.2	3.3	168.723	4.994
6.5	11 54 48	44 21	4 45.0	4 24.4	8.19688	85	14 45.9	1.7	180.702	4.874
7.5	12 39 9	45 16	9 9.4	4 2.7	8.19603	2	14 44.2	0.0	192.592	4.543
8.5	13 24 25	46 42	13 12.1	3 31.9	8.19605	102	14 44.2	2.1	204.424	4.015
9.5	14 11 7	48 32	−16 44.0	2 51.8	8.19707	213	14 46.3	4.4	216.242	−3.315
10.5	14 59 39	50 34	19 35.8	2 2.7	8.19920	333	14 50.7	6.8	228.103	2.466
11.5	15 50 13	52 33	21 38.5	1 4.5	8.20253	453	14 57.5	9.4	240.076	1.500
12.5	16 42 46	54 12	22 43.0	0 1.2	8.20706	564	15 6.9	11.9	252.243	−0.450
13.5	17 36 58	55 16	22 41.8	1 11.9	8.21270	655	15 18.8	13.9	264.688	+0.646
14.5	18 32 14	55 44	21 29.9	2 24.0	8.21925	712	15 32.7	15.5	277.499	1.742
15.5	19 27 58	55 42	−19 5.9	3 32.6	8.22637	720	15 48.2	15.8	290.750	+2.780
16.5	20 23 40	55 26	15 33.3	4 32.7	8.23357	671	16 4.0	15.0	304.492	3.697
17.5	21 19 6	55 16	11 0.6	5 18.5	8.24028	555	16 19.0	12.6	318.735	4.419
18.5	22 14 22	55 29	− 5 42.1	5 45.6	8.24583	381	16 31.6	8.8	333.437	4.876
19.5	23 9 51	56 14	+ 0 3.5	5 49.6	8.24964	163	16 40.4	3.7	348.491	5.010
20.5	0 6 5	57 30	5 53.1	5 28.4	8.25127	69	16 44.1	1.6	3.742	4.792
21.5	1 3 35	59 1	+11 21.5	4 42.7	8.25058	288	16 42.5	6.6	19.003	+4.234
22.5	2 2 36	60 21	16 4.2	3 36.1	8.24770	465	16 35.9	10.6	34.094	3.383
23.5	3 2 57	60 57	19 40.3	2 15.2	8.24305	586	16 25.3	13.2	48.871	2.319
24.5	4 3 54	60 25	21 55.5	0 49.0	8.23719	647	16 12.1	14.4	63.245	+1.132
25.5	5 4 19	58 41	22 44.5	0 34.0	8.23072	654	15 57.7	14.3	77.182	−0.090
26.5	6 3 0	56 1	22 10.5	1 47.0	8.22418	621	15 43.4	13.4	90.694	1.272
27.5	6 59 1	52 58	+20 23.5	2 46.8	8.21797	558	15 30.0	11.9	103.821	−2.353
28.5	7 51 59	50 0	17 36.7	3 32.3	8.21239	481	15 18.1	10.1	116.623	3.286
29.5	8 41 59	47 30	14 4.4	4 4.7	8.20758	397	15 8.0	8.2	129.158	4.040
30.5	9 29 29	45 37	9 59.7	4 25.0	8.20361	314	14 59.8	6.5	141.485	4.591
Okt. 1.5	10 15 6	44 27	5 34.7	4 34.8	8.20047	234	14 53.3	4.8	153.652	4.925
2.5	10 59 33	44 0	+ 0 59.9	4 34.8	8.19813	160	14 48.5	3.3	165.698	5.035
3.5	11 43 33	44 14	− 3 34.9	4 25.4	8.19653	89	14 45.2	1.8	177.653	−4.922
4.5	12 27 47	45 3	8 0.3	4 6.6	8.19564	19	14 43.4	0.4	189.543	4.595
5.5	13 12 50	46 23	12 6.9	3 38.4	8.19545	54	14 43.0	1.1	201.390	4.070
6.5	13 59 13	48 4	15 45.3	3 0.7	8.19599	133	14 44.1	2.7	213.220	3.368
7.5	14 47 17	49 53	18 46.0	2 13.8	8.19732	218	14 46.8	4.5	225.067	2.517
8.5	15 37 10	51 36	20 59.8	1 18.3	8.19950	312	14 51.3	6.4	236.970	1.549
9.5	16 28 46	52 57	−22 18.1	0 16.1	8.20262	410	14 57.7	8.5	248.982	−0.501
10.5	17 21 43	53 46	22 34.2	0 50.3	8.20672	507	15 6.2	10.7	261.167	+0.586
11.5	18 15 29	54 3	21 43.9	1 57.8	8.21179	596	15 16.9	12.6	273.597	1.669
12.5	19 9 32	53 57	19 46.1	3 2.7	8.21775	664	15 29.5	14.3	286.349	2.699
13.5	20 3 29	53 42	16 43.4	4 1.4	8.22439	697	15 43.8	15.3	299.497	3.619
14.5	20 57 11		12 42.0		8.23136		15 59.1		313.099	4.369

Obere Kulmination im Nullmeridian								0h Länge, + 50° Breite			
Tag	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
	h m s	s	° ′		′	h m	m	h m	m	h m	m
Sept. 3	10 2 7	117	+ 6 59.3	−11.7	54.7	23 11.1	1.79	16 20	2.8	5 29	0.9
4	10 48 22	114	+ 2 13.5	−12.0	54.4	23 53.3	1.74	17 26	2.8	5 49	0.8
5	—	—	—	—	—	—	—	18 32	2.7	6 8	0.8
6	11 33 50	113	− 2 34.2	−11.9	54.2	0 34.7	1.72	19 37	2.7	6 26	0.8
7	12 19 15	114	− 7 13.3	−11.3	54.0	1 16.0	1.73	20 42	2.7	6 45	0.8
8	13 5 21	117	−11 33.9	−10.3	54.0	1 58.1	1.78	21 46	2.7	7 6	0.9
9	13 52 48	121	−15 26.0	− 8.9	54.1	2 41.5	1.85	22 51	2.7	7 29	1.0
10	14 42 7	126	−18 39.8	− 7.1	54.3	3 26.7	1.93	23 54	2.6	7 56	1.3
11	15 33 38	131	−21 4.7	− 4.9	54.6	4 14.2	2.02	—	—	8 30	1.6
12	16 27 24	137	−22 30.8	− 2.3	55.2	5 3.8	2.11	0 53	2.4	9 12	1.9
13	17 23 7	141	−22 48.7	+ 0.8	55.9	5 55.5	2.19	1 48	2.2	10 3	2.3
14	18 20 13	144	−21 51.6	+ 4.0	56.8	6 48.5	2.23	2 36	1.9	11 4	2.7
15	19 17 59	145	−19 36.9	+ 7.2	57.7	7 42.2	2.24	3 17	1.6	12 14	3.0
16	20 15 47	144	−16 7.3	+10.2	58.7	8 35.9	2.23	3 51	1.3	13 29	3.2
17	21 13 18	143	−11 31.6	+12.7	59.6	9 29.3	2.22	4 21	1.1	14 49	3.4
18	22 10 37	143	− 6 4.7	+14.4	60.5	10 22.5	2.22	4 47	1.0	16 12	3.5
19	23 8 9	144	− 0 7.2	+15.2	61.0	11 16.0	2.24	5 11	1.0	17 36	3.5
20	0 6 29	147	+ 5 55.5	+14.8	61.3	12 10.2	2.29	5 36	1.0	19 1	3.5
21	1 6 15	152	+11 35.6	+13.3	61.2	13 5.9	2.36	6 2	1.1	20 26	3.5
22	2 7 43	157	+16 25.6	+10.7	60.8	14 3.3	2.42	6 31	1.3	21 50	3.4
23	3 10 39	158	+20 2.0	+ 7.2	60.1	15 2.1	2.47	7 7	1.6	23 9	3.1
24	4 14 6	158	+22 9.8	+ 3.4	59.2	16 1.4	2.47	7 50	2.0	—	—
25	5 16 44	154	+22 44.0	− 0.5	58.3	17 0.0	2.40	8 42	2.3	0 19	2.7
26	6 17 8	147	+21 50.4	− 3.9	57.4	17 56.3	2.28	9 42	2.6	1 17	2.2
27	7 14 23	139	+19 41.5	− 6.7	56.6	18 49.4	2.14	10 48	2.8	2 4	1.7
28	8 8 14	130	+16 33.3	− 8.9	55.8	19 39.2	2.00	11 56	2.8	2 41	1.3
29	8 58 55	123	+12 41.5	−10.4	55.3	20 25.8	1.88	13 4	2.8	3 10	1.1
30	9 47 5	118	+ 8 20.3	−11.3	54.8	21 9.9	1.80	14 12	2.8	3 34	0.9
Okt. 1	10 33 29	114	+ 3 42.2	−11.8	54.4	21 52.3	1.74	15 19	2.7	3 55	0.8
2	11 18 55	113	− 1 1.6	−11.8	54.2	22 33.6	1.72	16 24	2.7	4 14	0.8
3	12 4 13	114	− 5 41.1	−11.4	54.0	23 14.9	1.73	17 28	2.7	4 33	0.8
4	12 50 3	116	−10 6.0	−10.6	53.9	23 56.7	1.76	18 33	2.7	4 51	0.8
5	—	—	—	—	—	—	—	19 37	2.7	5 11	0.9
6	13 37 6	120	−14 6.3	− 9.4	53.9	0 39.7	1.82	20 42	2.7	5 34	1.0
7	14 25 51	124	−17 31.5	− 7.7	54.1	1 24.3	1.90	21 45	2.6	6 1	1.2
8	15 16 33	129	−20 11.3	− 5.6	54.3	2 11.0	1.99	22 45	2.4	6 33	1.4
9	16 9 13	134	−21 55.7	− 3.1	54.7	2 59.6	2.06	23 41	2.2	7 11	1.8
10	17 3 34	137	−22 36.1	− 0.3	55.2	3 49.8	2.12	—	—	7 58	2.2
11	17 59 2	139	−22 6.4	+ 2.7	55.8	4 41.2	2.16	0 30	1.9	8 55	2.5
12	18 55 1	140	−20 24.4	+ 5.8	56.5	5 33.1	2.17	1 12	1.6	9 59	2.8
13	19 50 57	140	−17 31.5	+ 8.6	57.4	6 25.0	2.15	1 48	1.4	11 9	3.1
14	20 46 38	139	−13 33.7	+11.1	58.4	7 16.5	2.14	2 18	1.2	12 24	3.2

Mittlere Zeit Greenwich	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log sin $p_☾$	Diff.	Halbmesser	Diff.	Länge	Breite
	h m s	m s	° ′	° ′			′ ″	″	°	°
Okt. 14.5	20 57 11	53 38	−12 42.0	4 50.5	8.23136	684	15 59.1	15.3	313.099	+4.369
15.5	21 50 49	54 3	7 51.5	5 25.4	8.23820	609	16 14.4	13.7	327.186	4.885
16.5	22 44 52	55 3	− 2 26.1	5 42.3	8.24429	470	16 28.1	10.8	341.741	5.109
17.5	23 39 55	56 45	+ 3 16.2	5 36.8	8.24899	274	16 38.9	6.3	356.694	4.997
18.5	0 36 40	58 53	8 53.0	5 5.8	8.25173	41	16 45.2	0.9	11.915	4.533
19.5	1 35 33	61 4	13 58.8	4 9.7	8.25214	201	16 46.1	4.6	27.233	3.742
20.5	2 36 37	62 34	+18 8.5	2 52.6	8.25013	417	16 41.5	9.6	42.462	+2.688
21.5	3 39 11	62 48	21 1.1	1 23.3	8.24596	585	16 31.9	13.2	57.432	1.462
22.5	4 41 59	61 24	22 24.4	0 6.9	8.24011	688	16 18.7	15.4	72.020	+0.167
23.5	5 43 23	58 40	22 17.5	1 28.0	8.23323	724	16 3.3	16.0	86.157	−1.102
24.5	6 42 3	55 11	20 49.5	2 34.3	8.22599	706	15 47.3	15.2	99.826	2.266
25.5	7 37 14	51 39	18 15.2	3 24.2	8.21893	641	15 32.1	13.7	113.052	3.272
26.5	8 28 53	48 36	+14 51.0	3 58.8	8.21252	550	15 18.4	11.5	125.888	−4.081
27.5	9 17 29	46 13	10 52.2	4 20.5	8.20702	441	15 6.9	9.2	138.399	4.673
28.5	10 3 42	44 42	6 31.7	4 31.4	8.20261	329	14 57.7	6.8	150.657	5.037
29.5	10 48 24	43 59	+ 2 0.3	4 33.1	8.19932	219	14 50.9	4.5	162.728	5.172
30.5	11 32 23	44 3	− 2 32.8	4 25.8	8.19713	117	14 46.4	2.4	174.673	5.079
31.5	12 16 26	44 48	6 58.6	4 9.8	8.19596	29	14 44.0	0.5	186.545	4.768
Nov. 1.5	13 1 14	46 8	−11 8.4	3 44.5	8.19567	51	14 43.5	1.0	198.386	−4.252
2.5	13 47 22	47 51	14 52.9	3 9.6	8.19618	120	14 44.5	2.4	210.233	3.552
3.5	14 35 13	49 43	18 2.5	2 24.8	8.19738	182	14 46.9	3.8	222.114	2.695
4.5	15 24 56	51 27	20 27.3	1 30.9	8.19920	243	14 50.7	5.0	234.060	1.713
5.5	16 16 23	52 46	21 58.2	0 29.8	8.20163	302	14 55.7	6.2	246.100	−0.645
6.5	17 9 9	53 27	22 28.0	0 35.4	8.20465	366	15 1.9	7.6	258.268	+0.466
7.5	18 2 36	53 28	−21 52.6	1 41.3	8.20831	429	15 9.5	9.1	270.604	+1.572
8.5	18 56 4	53 0	20 11.3	2 43.9	8.21260	492	15 18.6	10.4	283.154	2.623
9.5	19 49 4	52 22	17 27.4	3 40.0	8.21752	545	15 29.0	11.8	295.970	3.566
10.5	20 41 26	51 54	13 47.4	4 27.3	8.22297	581	15 40.8	12.7	309.104	4.348
11.5	21 33 20	51 55	9 20.1	5 3.0	8.22878	588	15 53.5	12.9	322.601	4.914
12.5	22 25 15	52 39	− 4 17.1	5 24.7	8.23466	552	16 6.4	12.4	336.489	5.213
13.5	23 17 54	54 12	+ 1 7.6	5 29.0	8.24018	463	16 18.8	10.5	350.770	+5.205
14.5	0 12 6	56 30	6 36.6	5 12.5	8.24481	322	16 29.3	7.4	5.406	4.863
15.5	1 8 36	59 15	11 49.1	4 32.2	8.24803	135	16 36.7	3.1	20.316	4.190
16.5	2 7 51	61 52	16 21.3	3 27.9	8.24938	80	16 39.8	1.9	35.378	3.221
17.5	3 9 43	63 29	19 49.2	2 4.7	8.24858	295	16 37.9	6.7	50.443	2.028
18.5	4 13 12	63 27	21 53.9	0 32.1	8.24563	482	16 31.2	11.0	65.359	+0.706
19.5	5 16 39	61 35	+22 26.0	0 57.8	8.24081	621	16 20.2	13.9	79.992	−0.640
20.5	6 18 14	58 20	21 28.2	2 14.9	8.23460	696	16 6.3	15.3	94.244	1.913
21.5	7 16 34	54 30	19 13.3	3 13.8	8.22764	711	15 51.0	15.5	108.061	3.034
22.5	8 11 4	50 52	15 59.5	3 54.8	8.22053	670	15 35.5	14.3	121.435	3.952
23.5	9 1 56	47 51	12 4.7	4 19.9	8.21383	588	15 21.2	12.4	134.391	4.637
24.5	9 49 47		7 44.8		8.20795		15 8.8		146.981	5.077

Obere Kulmination im Nullmeridian								0h Länge, +50° Breite			
Tag	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Okt. 14	20 46 38	139	−13 33.7	+11.1	58.4	7 16.5	2.14	2 18	1.2	12 24	3.2
15	21 42 10	139	− 8 41.1	+13.1	59.3	8 8.0	2.15	2 45	1.1	13 43	3.3
16	22 38 3	141	− 3 8.2	+14.5	60.2	8 59.8	2.18	3 10	1.0	15 4	3.4
17	23 35 0	144	+ 2 45.8	+14.9	60.9	9 52.7	2.23	3 34	1.0	16 27	3.5
18	0 33 45	150	+ 8 36.5	+14.2	61.3	10 47.3	2.32	3 59	1.1	17 52	3.6
19	1 34 54	156	+13 55.8	+12.2	61.4	11 44.4	2.43	4 27	1.3	19 18	3.5
20	2 38 30	162	+18 15.1	+ 9.2	61.1	12 43.9	2.52	5 0	1.5	20 41	3.4
21	3 43 46	164	+21 10.3	+ 5.3	60.5	13 45.0	2.56	5 41	1.9	21 58	3.0
22	4 49 10	162	+22 28.2	+ 1.2	59.6	14 46.3	2.53	6 31	2.3	23 4	2.5
23	5 52 47	155	+22 8.8	− 2.7	58.7	15 45.8	2.42	7 30	2.6	23 57	1.9
24	6 53 9	146	+20 24.0	− 5.9	57.7	16 42.1	2.26	8 36	2.8	—	—
25	7 49 32	136	+17 31.6	− 8.3	56.7	17 34.4	2.10	9 45	2.9	0 38	1.5
26	8 42 5	127	+13 50.3	−10.0	55.9	18 22.9	1.95	10 55	2.9	1 11	1.2
27	9 31 26	120	+ 9 36.5	−11.1	55.2	19 8.1	1.83	12 3	2.8	1 38	1.0
28	10 18 27	115	+ 5 3.6	−11.6	54.7	19 51.1	1.76	13 10	2.8	2 0	0.9
29	11 4 6	113	+ 0 22.8	−11.7	54.3	20 32.7	1.72	14 15	2.7	2 20	0.8
30	11 49 17	113	− 4 16.3	−11.5	54.1	21 13.8	1.72	15 20	2.7	2 39	0.8
31	12 34 50	115	− 8 44.3	−10.8	54.0	21 55.3	1.75	16 24	2.7	2 57	0.8
Nov. 1	13 21 29	118	−12 51.5	− 9.7	54.0	22 37.9	1.81	17 28	2.7	3 17	0.9
2	14 9 48	123	−16 27.7	− 8.2	54.1	23 22.2	1.88	18 33	2.7	3 39	1.0
3	—	—	—	—	—	—	—	19 37	2.6	4 4	1.1
4	15 0 8	128	−19 21.9	− 6.2	54.3	0 8.4	1.97	20 39	2.5	4 34	1.4
5	15 52 29	133	−21 23.6	− 3.8	54.6	0 56.7	2.05	21 36	2.3	5 11	1.7
6	16 46 33	137	−22 23.2	− 1.1	54.9	1 46.7	2.11	22 27	2.0	5 56	2.1
7	17 41 42	138	−22 14.3	+ 1.9	55.3	2 37.8	2.14	23 11	1.7	6 50	2.4
8	18 37 8	138	−20 54.6	+ 4.8	55.9	3 29.1	2.13	23 48	1.4	7 51	2.7
9	19 32 13	137	−18 26.2	+ 7.5	56.5	4 20.1	2.11	—	—	8 58	2.9
10	20 26 36	135	−14 55.2	+10.0	57.2	5 10.4	2.08	0 19	1.2	10 10	3.0
11	21 20 23	134	−10 30.8	+12.0	58.0	6 0.1	2.06	0 46	1.1	11 24	3.1
12	22 14 2	134	− 5 24.8	+13.4	58.8	6 49.7	2.07	1 11	1.0	12 41	3.2
13	23 8 18	137	+ 0 8.0	+14.2	59.6	7 39.9	2.11	1 34	1.0	14 0	3.3
14	0 4 7	142	+ 5 49.5	+14.1	60.3	8 31.6	2.20	1 58	1.0	15 21	3.4
15	1 2 25	149	+11 17.1	+13.0	60.8	9 25.8	2.32	2 24	1.1	16 44	3.5
16	2 3 47	157	+16 4.7	+10.7	61.0	10 23.1	2.45	2 53	1.3	18 8	3.5
17	3 8 6	164	+19 44.9	+ 7.4	61.0	11 23.3	2.56	3 29	1.7	19 29	3.2
18	4 14 20	166	+21 55.3	+ 3.4	60.5	12 25.4	2.60	4 14	2.1	20 42	2.8
19	5 20 28	163	+22 24.9	− 0.8	59.8	13 27.4	2.55	5 10	2.5	21 43	2.3
20	6 24 22	155	+21 17.6	− 4.6	58.9	14 27.2	2.42	6 15	2.9	22 31	1.8
21	7 24 29	145	+18 49.1	− 7.6	57.9	15 23.3	2.25	7 26	3.0	23 9	1.4
22	8 20 20	134	+15 20.4	− 9.7	57.0	16 15.0	2.07	8 38	3.0	23 39	1.1
23	9 12 13	125	+11 11.7	−10.9	56.1	17 2.8	1.92	9 49	2.9	—	—
24	10 0 58	119	+ 6 39.8	−11.6	55.3	17 47.5	1.81	10 58	2.8	0 3	0.9

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log sin $p_☾$		Halbmesser		Länge	Breite
	h m s	m s	° ′	° ′			′ ″	″	°	°
Nov. 24.5	9 49 47	45 42	+ 7 44.8	4 32.4	8.20795	477	15 8.8	9.9	146.981	−5.077
25.5	10 35 29	44 27	+ 3 12.4	4 34.8	8.20318	350	14 58.9	7.3	159.272	5.273
26.5	11 19 56	44 6	− 1 22.4	4 28.5	8.19968	220	14 51.6	4.5	171.339	5.230
27.5	12 4 2	44 33	5 50.9	4 14.1	8.19748	94	14 47.1	1.9	183.257	4.963
28.5	12 48 35	45 42	10 5.0	3 51.3	8.19654	22	14 45.2	0.5	195.099	4.485
29.5	13 34 17	47 23	13 56.3	3 19.4	8.19676	119	14 45.7	2.4	206.929	3.817
30.5	14 21 40	49 24	−17 15.7	2 37.7	8.19795	198	14 48.1	4.1	218.804	−2.982
Dez. 1.5	15 11 4	51 23	19 53.4	1 46.1	8.19993	260	14 52.2	5.3	230.769	2.010
2.5	16 2 27	53 1	21 39.5	0 46.1	8.20253	304	14 57.5	6.3	242.863	−0.937
3.5	16 55 28	53 57	22 25.6	0 19.8	8.20557	335	15 3.8	7.0	255.115	+0.193
4.5	17 49 25	54 5	22 5.8	1 27.1	8.20892	358	15 10.8	7.6	267.547	1.330
5.5	18 43 30	53 30	20 38.7	2 31.2	8.21250	375	15 18.4	7.9	280.177	2.420
6.5	19 37 0	52 33	−18 7.5	3 28.4	8.21625	391	15 26.3	8.4	293.020	+3.406
7.5	20 29 33	51 35	14 39.1	4 15.3	8.22016	405	15 34.7	8.8	306.090	4.234
8.5	21 21 8	50 59	10 23.8	4 50.4	8.22421	412	15 43.5	9.0	319.401	4.850
9.5	22 12 7	51 2	5 33.4	5 12.2	8.22833	409	15 52.5	9.0	332.964	5.211
10.5	23 3 9	51 56	− 0 21.2	5 18.8	8.23242	385	16 1.5	8.5	346.782	5.280
11.5	23 55 5	53 42	+ 4 57.6	5 8.6	8.23627	334	16 10.0	7.5	0.852	5.038
12.5	0 48 47	56 10	+10 6.2	4 38.9	8.23961	247	16 17.5	5.6	15.152	+4.484
13.5	1 44 57	59 0	14 45.1	3 48.4	8.24208	126	16 23.1	2.9	29.639	3.640
14.5	2 43 57	61 29	18 33.5	2 37.6	8.24334	25	16 26.0	0.6	44.248	2.553
15.5	3 45 26	62 52	21 11.1	1 12 2	8.24309	191	16 25.4	4.3	58.891	+1.297
16.5	4 48 18	62 30	22 23.3	0 18.6	8.24118	352	16 21.1	7.9	73.466	−0.037
17.5	5 50 48	60 26	22 4.7	1 43.3	8.23766	488	16 13.2	10.9	87.870	1.353
18.5	6 51 14	57 10	+20 21.4	2 53.4	8.23278	583	16 2.3	12.9	102.008	−2.560
19.5	7 48 24	53 31	17 28.0	3 44.8	8.22695	628	15 49.4	13.6	115.809	3.587
20.5	8 41 55	50 8	13 43.2	4 17.7	8.22067	621	15 35.8	13.3	129.233	4.385
21.5	9 32 3	47 27	9 25.5	4 35.0	8.21446	567	15 22.5	11.9	142.272	4.930
22.5	10 19 30	45 37	4 50.5	4 39.8	8.20879	474	15 10.6	9.9	154.947	5.216
23.5	11 5 7	44 41	+ 0 10.7	4 34.6	8.20405	355	15 0.7	7.4	167.306	5.251
24.5	11 49 48	44 36	− 4 23.9	4 21.2	8.20050	220	14 53.3	4.5	179.415	−5.049
25.5	12 34 24	45 20	8 45.1	3 59.7	8.19830	80	14 48.8	1.6	191.350	4.632
26.5	13 19 44	46 43	12 44.8	3 30.2	8.19750	54	14 47.2	1.1	203.193	4.020
27.5	14 6 27	48 36	16 15.0	2 51.8	8.19804	177	14 48.3	3.6	215.025	3.238
28.5	14 55 3	50 42	19 6.8	2 3.9	8.19981	278	14 51.9	5.8	226.924	2.312
29.5	15 45 45	52 40	21 10.7	1 6.8	8.20259	354	14 57.7	7.3	238.959	1.275
30.5	16 38 25	54 8	−22 17.5	0 2.0	8.20613	402	15 5.0	8.4	251.188	−0.165
31.5	17 32 33		22 19.5		8.21015		15 13.4		263.654	+0.972

Tag	Obere Kulmination im Nullmeridian: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, +50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Nov. 24	10 0 58	119	+ 6 39.8	−11.6	55.3	17 47.5	1.81	10 58	2.8	0 3	0.9
25	10 47 37	115	+ 1 57.8	−11.8	54.7	18 30.1	1.75	12 5	2.7	0 24	0.8
26	11 33 9	113	− 2 43.9	−11.6	54.4	19 11.6	1.72	13 10	2.7	0 44	0.8
27	12 18 35	114	− 7 16.3	−11.0	54.1	19 53.0	1.73	14 14	2.7	1 3	0.8
28	13 4 45	117	−11 30.8	−10.1	54.0	20 35.1	1.78	15 18	2.7	1 22	0.8
29	13 52 26	121	−15 18.0	− 8.8	54.1	21 18.7	1.86	16 23	2.7	1 43	0.9
30	14 42 9	127	−18 27.6	− 7.0	54.3	22 4.3	1.95	17 27	2.6	2 7	1.1
Dez. 1	15 34 7	133	−20 48.5	− 4.7	54.6	22 52.2	2.04	18 30	2.6	2 35	1.3
2	16 28 8	137	−22 10.0	− 2.0	55.0	23 42.2	2.12	19 30	2.4	3 10	1.6
3	—	—	—	—	—	—	—	20 24	2.1	3 53	2.0
4	17 23 38	140	−22 23.6	+ 0.9	55.4	0 33.6	2.16	21 11	1.8	4 44	2.3
5	18 19 42	140	−21 25.3	+ 3.9	55.9	1 25.6	2.16	21 50	1.5	5 44	2.6
6	19 15 27	138	−19 16.1	+ 6.8	56.4	2 17.2	2.14	22 23	1.3	6 50	2.9
7	20 10 15	136	−16 2.2	+ 9.3	56.9	3 8.0	2.09	22 51	1.1	8 1	3.0
8	21 3 56	133	−11 53.9	+11.3	57.4	3 57.6	2.04	23 16	1.0	9 14	3.1
9	21 56 47	132	− 7 3.8	+12.8	58.0	4 46.3	2.02	23 39	0.9	10 28	3.1
10	22 49 27	132	− 1 46.0	+13.6	58.6	5 34.9	2.03	—	—	11 44	3.2
11	23 42 51	135	+ 3 43.5	+13.7	59.1	6 24.2	2.08	0 1	0.9	13 2	3.3
12	0 37 59	141	+ 9 6.9	+13.1	59.6	7 15.3	2.18	0 25	1.0	14 21	3.3
13	1 35 45	148	+14 3.2	+11.5	60.0	8 9.0	2.30	0 52	1.2	15 42	3.4
14	2 36 40	156	+18 9.2	+ 8.9	60.2	9 5.8	2.43	1 23	1.4	17 2	3.3
15	3 40 29	162	+21 1.6	+ 5.3	60.2	10 5.5	2.53	2 2	1.8	18 18	3.0
16	4 45 58	164	+22 22.2	+ 1.3	59.9	11 6.9	2.56	2 51	2.3	19 25	2.5
17	5 51 9	161	+22 4.4	− 2.7	59.4	12 7.9	2.50	3 51	2.7	20 20	2.0
18	6 53 57	153	+20 14.7	− 6.2	58.7	13 6.6	2.38	5 0	3.0	21 3	1.6
19	7 53 4	143	+17 10.7	− 8.9	57.9	14 1.7	2.21	6 13	3.1	21 37	1.2
20	8 48 5	133	+13 13.8	−10.7	57.0	14 52.6	2.04	7 27	3.0	22 4	1.0
21	9 39 27	124	+ 8 44.3	−11.6	56.2	15 39.9	1.91	8 39	2.9	22 27	0.9
22	10 27 59	119	+ 3 59.2	−12.0	55.5	16 24.4	1.81	9 48	2.8	22 48	0.8
23	11 14 42	115	− 0 48.6	−11.9	54.9	17 7.0	1.75	10 55	2.8	23 7	0.8
24	12 0 35	114	− 5 28.7	−11.4	54.5	17 48.8	1.74	12 1	2.7	23 26	0.8
25	12 46 36	116	− 9 52.6	−10.5	54.2	18 30.8	1.76	13 5	2.7	23 47	0.9
26	13 33 38	119	−13 51.6	− 9.3	54.2	19 13.8	1.82	14 10	2.7	—	—
27	14 22 22	124	−17 16.9	− 7.7	54.3	19 58.4	1.90	15 14	2.7	0 10	1.0
28	15 13 18	130	−19 58.1	− 5.7	54.6	20 45.3	2.00	16 18	2.6	0 36	1.2
29	16 6 33	136	−21 44.7	− 3.2	55.0	21 34.5	2.09	17 19	2.4	1 8	1.5
30	17 1 48	140	−22 26.6	− 0.3	55.5	22 25.6	2.16	18 15	2.2	1 47	1.8
31	17 58 20	(142)	−21 56.8	(+ 2.8)	56.0	23 18.1	(2.20)	19 6	(1.9)	2 36	(2.2)

Mittlere Zeit Greenwich	Mondbewegung			Lage des Mondäquators gegen den Erdäquator							
	☊	$L_☾$	$M_☾$	i		Δ		☊′		Δ − ☋	
Jan. 0.5	271.°0346	138.°6682	151.°91	23.°469	14	87.°493	527	3.°865	1	356.°454	2
10.5	270.5051	270.4322	282.56	23.483	14	86.966	527	3.864	2	356.456	2
20.5	269.9755	42.1961	53.21	23.497	15	86.439	527	3.862	2	356.458	2
30.5	269.4460	173.9601	183.86	23.512	14	85.912	527	3.860	3	356.460	3
Febr. 9.5	268.9164	305.7241	314.51	23.526	14	85.385	527	3.857	3	356.463	3
19.5	268.3869	77.4881	85.16	23.540	15	84.858	527	3.854	3	356.466	3
März 1.5	267.8574	209.2520	215.81	23.555	14	84.331	526	3.851	4	356.469	3
11.5	267.3278	341.0160	346.46	23.569	14	83.805	526	3.847	4	356.472	4
21.5	266.7983	112.7800	117.11	23.583	14	83.279	525	3.843	4	356.476	5
31.5	266.2687	244.5439	247.76	23.597	14	82.754	524	3.839	5	356.481	5
April 10.5	265.7392	16.3079	18.41	23.611	14	82.230	525	3.834	5	356.486	5
20.5	265.2097	148.0719	149.06	23.625	14	81.705	524	3.829	6	356.491	5
30.5	264.6801	279.8359	279.71	23.639	14	81.181	525	3.823	5	356.496	5
Mai 10.5	264.1506	51.5998	50.36	23.653	14	80.656	525	3.818	6	356.501	5
20.5	263.6210	183.3638	181.01	23.667	14	80.131	524	3.812	6	356.506	5
30.5	263.0915	315.1278	311.66	23.681	14	79.607	524	3.806	7	356.511	6
Juni 9.5	262.5620	86.8917	82.31	23.695	14	79.083	523	3.799	7	356.517	7
19.5	262.0324	218.6557	212.96	23.709	14	78.560	522	3.792	7	356.524	7
29.5	261.5029	350.4197	343.61	23.723	14	78.038	522	3.785	7	356.531	7
Juli 9.5	260.9733	122.1836	114.26	23.737	14	77.516	522	3.778	8	356.538	8
19.5	260.4438	253.9476	244.91	23.751	14	76.994	522	3.770	8	356.546	8
29.5	259.9143	25.7116	15.56	23.765	14	76.472	521	3.762	8	356.554	8
Aug. 8.5	259.3847	157.4756	146.21	23.779	13	75.951	522	3.754	9	356.562	8
18.5	258.8552	289.2395	276.86	23.792	14	75.429	521	3.745	9	356.570	8
28.5	258.3256	61.0035	47.51	23.806	14	74.908	521	3.736	9	356.578	9
Sept. 7.5	257.7961	192.7675	178.16	23.820	13	74.387	520	3.727	10	356.587	9
17.5	257.2666	324.5314	308.81	23.833	14	73.867	521	3.717	10	356.596	9
27.5	256.7370	96.2954	79.46	23.847	13	73.346	520	3.707	11	356.605	9
Okt. 7.5	256.2075	228.0594	210.11	23.860	14	72.826	520	3.696	10	356.614	10
17.5	255.6779	359.8234	340.76	23.874	13	72.306	520	3.686	11	356.624	10
27.5	255.1484	131.5873	111.41	23.887	14	71.786	519	3.675	11	356.634	10
Nov. 6.5	254.6189	263.3513	242.06	23.901	13	71.267	519	3.664	11	356.644	11
16.5	254.0893	35.1153	12.71	23.914	14	70.748	519	3.653	12	356.655	11
26.5	253.5598	166.8792	143.36	23.928	13	70.229	518	3.641	12	356.666	11
Dez. 6.5	253.0302	298.6432	274.01	23.941	13	69.711	518	3.629	12	356.677	11
16.5	252.5007	70.4072	44.66	23.954	13	69.193	517	3.617	13	356.688	12
26.5	251.9712	202.1712	175.31	23.967	13	68.676	517	3.604	14	356.700	12
36.5	251.4416	333.9351	305.96	23.980		68.159		3.590		356.712	

Mittlere Zeit Greenwich	$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
Jan. 0.5	−4.66 s	+2.03 s	−0.09 s	+158.2″	+8.1″	−7.7″	8.20291	−230	+87
1.5	−2.63	+1.82	−0.21	+166.3	+1.4	−6.7	8.20061	−124	+106
2.5	−0.81	+1.56	−0.26	+167.7	−3.9	−5.3	8.19937	+4	+128
3.5	+0.75	+1.25	−0.31	+163.8	−7.6	−3.7	8.19941	+142	+138
4.5	+2.00	+0.92	−0.33	+156.2	−10.2	−2.6	8.20083	+282	+140
5.5	+2.92			+146.0			8.20365		
Jan. 19.5	−10.26	−1.40		−99.0	+23.3		8.23265	−435	
20.5	−11.66	−1.02	+0.38	−75.7	+32.6	+9.3	8.22830	−428	+7
21.5	−12.68	−0.36	+0.66	−43.1	+38.8	+6.2	8.22402	−412	+16
22.5	−13.04	+0.46	+0.82	−4.3	+41.0	+2.2	8.21990	−393	+19
23.5	−12.58	+1.22	+0.76	+36.7	+39.0	−2.0	8.21597	−370	+23
24.5	−11.36	+1.78	+0.56	+75.7	+33.6	−5.4	8.21227	−345	+25
25.5	−9.58	+2.08	+0.30	+109.3	+26.2	−7.4	8.20882	−316	+29
26.5	−7.50	+2.14	+0.06	+135.5	+18.1	−8.1	8.20566	−278	+38
27.5	−5.36	+2.04	−0.10	+153.6	+10.3	−7.8	8.20288	−226	+52
28.5	−3.32	+1.84	−0.20	+163.9	+3.2	−7.1	8.20062	−158	+68
29.5	−1.48	+1.62	−0.22	+167.1	−2.7	−5.9	8.19904	−72	+86
30.5	+0.14	+1.36	−0.26	+164.4	−7.2	−4.5	8.19832	+30	+102
31.5	+1.50	+1.08	−0.28	+157.2	−10.5	−3.3	8.19862	+149	+119
Febr. 1.5	+2.58	+0.81	−0.27	+146.7	−12.8	−2.3	8.20011	+276	+127
2.5	+3.39	+0.50	−0.31	+133.9	−14.1	−1.3	8.20287	+406	+130
3.5	+3.89	+0.16	−0.34	+119.8	−15.1	−1.0	8.20693	+526	+120
4.5	+4.05			+104.7			8.21219		
Febr. 17.5	−13.91	−0.59		−52.7	+39.5		8.22826	−586	
18.5	−14.50	+0.34	+0.93	−13.2	+42.4	+2.9	8.22240	−538	+48
19.5	−14.16	+1.22	+0.88	+29.2	+40.6	−1.8	8.21702	−476	+62
20.5	−12.94	+1.85	+0.63	+69.8	+35.3	−5.3	8.21226	−407	+69
21.5	−11.09	+2.19	+0.34	+105.1	+27.9	−7.4	8.20819	−339	+68
22.5	−8.90	+2.26	+0.07	+133.0	+19.8	−8.1	8.20480	−272	+67
23.5	−6.64	+2.15	−0.11	+152.8	+11.8	−8.0	8.20208	−210	+62
24.5	−4.49	+1.93	−0.22	+164.6	+4.6	−7.2	8.19998	−146	+64
25.5	−2.56	+1.67	−0.26	+169.2	−1.5	−6.1	8.19852	−80	+66
26.5	−0.89	+1.39	−0.28	+167.7	−6.6	−5.1	8.19772	−9	+71
27.5	+0.50	+1.13	−0.26	+161.1	−10.5	−3.9	8.19763	+73	+82
28.5	+1.63	+0.87	−0.26	+150.6	−13.3	−2.8	8.19836	+164	+91
März 1.5	+2.50	+0.64	−0.23	+137.3	−15.2	−1.9	8.20000	+267	+103
2.5	+3.14	+0.42	−0.22	+122.1	−16.4	−1.2	8.20267	+374	+107
3.5	+3.56	+0.21	−0.21	+105.7	−17.2	−0.8	8.20641	+483	+109
4.5	+3.77	−0.02	−0.23	+88.5	−17.8	−0.6	8.21124	+584	+101
5.5	+3.75			+70.7			8.21708		

Mittlere Zeit Greenwich	$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
März 19.5	−14.45	+1.69		+ 65.1	+38.2		8.21696	−567	
20.5	−12.76	+2.20	+0.51	+103.3	+30.4	−7.8	8.21129	−472	+ 95
21.5	−10.56	+2.35	+0.15	+133.7	+21.8	−8.6	8.20657	−369	+103
22.5	− 8.21	+2.27	−0.08	+155.5	+13.3	−8.5	8.20288	−268	+101
23.5	− 5.94	+2.05	−0.22	+168.8	+ 5.8	−7.5	8.20020	−173	+ 95
24.5	− 3.89	+1.76	−0.29	+174.6	− 0.6	−6.4	8.19847	− 88	+ 85
25.5	− 2.13	+1.45	−0.31	+174.0	− 5.9	−5.3	8.19759	− 10	+ 78
26.5	− 0.68	+1.14	−0.31	+168.1	−10.2	−4.3	8.19749	+ 62	+ 72
27.5	+ 0.46	+0.86	−0.28	+157.9	−13.4	−3.2	8.19811	+130	+ 68
28.5	+ 1.32	+0.61	−0.25	+144.5	−15.9	−2.5	8.19941	+199	+ 69
29.5	+ 1.93	+0.40	−0.21	+128.6	−17.7	−1.8	8.20140	+272	+ 73
30.5	+ 2.33	+0.25	−0.15	+110.9	−18.9	−1.2	8.20412	+348	+ 76
31.5	+ 2.58	+0.17	−0.08	+ 92.0	−19.6	−0.7	8.20760	+426	+ 78
April 1.5	+ 2.75	+0.09	−0.08	+ 72.4	−19.8	−0.2	8.21186	+503	+ 77
2.5	+ 2.84	0.00	−0.09	+ 52.6	−20.0	−0.2	8.21689	+573	+ 70
3.5	+ 2.84	−0.14	−0.14	+ 32.6	−20.2	−0.2	8.22262	+622	+ 49
4.5	+ 2.70			+ 12.4			8.22884		
April 17.5	−11.77	+2.24		+132.6	+25.1		8.21202	−519	
18.5	− 9.53	+2.28	+0.04	+157.7	+15.9	−9.2	8.20683	−401	+118
19.5	− 7.25	+2.13	−0.15	+173.6	+ 7.5	−8.4	8.20282	−278	+123
20.5	− 5.12	+1.86	−0.27	+181.1	+ 0.5	−7.0	8.20004	−157	+121
21.5	− 3.26	+1.53	−0.33	+181.6	− 5.2	−5.7	8.19847	− 47	+110
22.5	− 1.73	+1.20	−0.33	+176.4	− 9.8	−4.6	8.19800	+ 50	+ 97
23.5	− 0.53	+0.87	−0.33	+166.6	−13.3	−3.5	8.19850	+133	+ 83
24.5	+ 0.34	+0.56	−0.31	+153.3	−16.0	−2.7	8.19983	+202	+ 69
25.5	+ 0.90	+0.30	−0.26	+137.3	−18.3	−2.3	8.20185	+258	+ 56
26.5	+ 1.20	+0.13	−0.17	+119.0	−20.1	−1.8	8.20443	+307	+ 49
27.5	+ 1.33	+0.04	−0.09	+ 98.9	−21.4	−1.3	8.20750	+349	+ 42
28.5	+ 1.37	+0.03	−0.01	+ 77.5	−22.2	−0.8	8.21099	+388	+ 39
29.5	+ 1.40	+0.07	+0.04	+ 55.3	−22.2	0.0	8.21487	+425	+ 37
30.5	+ 1.47	+0.09	+0.02	+ 33.1	−21.6	+0.6	8.21912	+459	+ 34
Mai 1.5	+ 1.56	+0.02	−0.07	+ 11.5	−20.5	+1.1	8.22371	+484	+ 25
2.5	+ 1.58	−0.17	−0.19	− 9.0	−19.3	+1.2	8.22855	+493	+ 9
3.5	+ 1.41			− 28.3			8.23348		
Mai 17.5	− 5.95	+1.88		+184.7	+ 2.5		8.20346	−277	
18.5	− 4.07	+1.61	−0.27	+187.2	− 4.0	−6.5	8.20069	−143	+134
19.5	− 2.46	+1.29	−0.32	+183.2	− 9.1	−5.1	8.19926	− 12	+131
20.5	− 1.17	+0.95	−0.34	+174.1	−12.9	−3.8	8.19914	+104	+116
21.5	− 0.22	+0.62	−0.33	+161.2	−15.8	−2.9	8.20018	+204	+100
22.5	+ 0.40	+0.30	−0.32	+145.4	−18.2	−2.4	8.20222	+284	+ 80
23.5	+ 0.70	+0.04	−0.26	+127.2	−20.2	−2.0	8.20506	+340	+ 56
24.5	+ 0.74	−0.13	−0.17	+107.0	−22.0	−1.8	8.20846	+375	+ 35
25.5	+ 0.61		−0.06	+ 85.0		−1.4	8.21221		+ 16

Mittlere Zeit Greenwich		$\alpha_{☾} - \alpha_k$			$\delta_{☾} - \delta_k$			log sin p_k		
Mai	25.5	+ 0.61 s	−0.19 s	−0.06 s	+ 85.0″	−23.4″	− 1.4″	8.21221	+391	+ 16
	26.5	+ 0.42	−0.15	+0.04	+ 61.6	−24.3	− 0.9	8.21612	+392	+ 1
	27.5	+ 0.27	−0.07	+0.08	+ 37.3	−24.2	+ 0.1	8.22004	+382	− 10
	28.5	+ 0.20	−0.02	+0.05	+ 13.1	−23.2	+ 1.0	8.22386	+366	− 16
	29.5	+ 0.18	−0.07	−0.05	− 10.1	−21.3	+ 1.9	8.22752	+346	− 20
	30.5	+ 0.11	−0.22	−0.15	− 31.4	−18.6	+ 2.7	8.23098	+321	− 25
	31.5	− 0.11	−0.50	−0.28	− 50.0	−15.2	+ 3.4	8.23419	+287	− 34
Juni	1.5	− 0.61	−0.89	−0.39	− 65.2	−10.9	+ 4.3	8.23706	+241	− 46
	2.5	− 1.50			− 76.1			8.23947		
Juni	16.5	− 1.54	+1.07		+178.5	−12.2		8.19989	+ 20	
	17.5	− 0.47	+0.76	−0.31	+166.3	−15.5	− 3.3	8.20009	+152	+132
	18.5	+ 0.29	+0.44	−0.32	+150.8	−17.8	− 2.3	8.20161	+271	+119
	19.5	+ 0.73	+0.15	−0.29	+133.0	−19.6	− 1.8	8.20432	+367	+ 96
	20.5	+ 0.88	−0.09	−0.24	+113.4	−21.3	− 1.7	8.20799	+434	+ 67
	21.5	+ 0.79	−0.28	−0.19	+ 92.1	−23.0	− 1.7	8.21233	+471	+ 37
	22.5	+ 0.51	−0.36	−0.08	+ 69.1	−24.3	− 1.3	8.21704	+476	+ 5
	23.5	+ 0.15	−0.35	+0.01	+ 44.8	−25.3	− 1.0	8.22180	+448	− 28
	24.5	− 0.20	−0.32	+0.03	+ 19.5	−25.4	− 0.1	8.22628	+395	− 53
	25.5	− 0.52	−0.32	0.00	− 5.9	−24.3	+ 1.1	8.23023	+326	− 69
	26.5	− 0.84	−0.39	−0.07	− 30.2	−21.7	+ 2.6	8.23349	+248	− 78
	27.5	− 1.23	−0.56	−0.17	− 51.9	−17.8	+ 3.9	8.23597	+169	− 79
	28.5	− 1.79	−0.82	−0.26	− 69.7	−12.6	+ 5.2	8.23766	+ 97	− 72
	29.5	− 2.61	−1.16	−0.34	− 82.3	− 6.2	+ 6.4	8.23863	+ 30	− 67
	30.5	− 3.77	−1.49	−0.33	− 88.5	+ 1.7	+ 7.9	8.23893	− 33	− 63
Juli	1.5	− 5.26			− 86.8			8.23860		
Juli	15.5	+ 0.20	+0.64		+153.6	−17.6		8.20023	+190	
	16.5	+ 0.84	+0.39	−0.25	+136.0	−19.4	− 1.8	8.20213	+320	+130
	17.5	+ 1.23	+0.15	−0.24	+116.6	−20.6	− 1.2	8.20533	+433	+113
	18.5	+ 1.38	−0.06	−0.21	+ 96.0	−21.6	− 1.0	8.20966	+521	+ 88
	19.5	+ 1.32	−0.25	−0.19	+ 74.4	−22.6	− 1.0	8.21487	+574	+ 53
	20.5	+ 1.07	−0.39	−0.14	+ 51.8	−23.6	− 1.0	8.22061	+584	+ 10
	21.5	+ 0.68	−0.50	−0.11	+ 28.2	−24.6	− 1.0	8.22645	+548	− 36
	22.5	+ 0.18	−0.60	−0.10	+ 3.6	−25.0	− 0.4	8.23193	+469	− 79
	23.5	− 0.42	−0.73	−0.13	− 21.4	−24.0	+ 1.0	8.23662	+355	−114
	24.5	− 1.15	−0.90	−0.17	− 45.4	−21.4	+ 2.6	8.24017	+220	−135
	25.5	− 2.05	−1.13	−0.23	− 66.8	−16.7	+ 4.7	8.24237	+ 81	−139
	26.5	− 3.18	−1.40	−0.27	− 83.5	− 9.7	+ 7.0	8.24318	− 49	−130
	27.5	− 4.58	−1.67	−0.27	− 93.2	− 1.0	+ 8.7	8.24269	−158	−109
	28.5	− 6.25	−1.85	−0.18	− 94.2	+ 9.3	+10.3	8.24111	−241	− 83
	29.5	− 8.10	−1.86	−0.01	− 84.9	+20.2	+10.9	8.23870	−299	− 58
	30.5	− 9.96	−1.59	+0.27	− 64.7	+30.3	+10.1	8.23571	−337	− 38
	31.5	−11.55			− 34.4			8.23234		

Mittlere Zeit Greenwich	$\alpha_{☾} - \alpha_k$			$\delta_{☾} - \delta_k$			log sin p_k		
	s	s	s	"	"	"			
Aug. 14.5	+ 1.61	+0.29		+ 97.8	−21.2		8.20512	+466	
15.5	+ 1.90	+0.13	−0.16	+ 76.6	−21.2	0.0	8.20978	+572	+106
16.5	+ 2.03	−0.05	−0.18	+ 55.4	−21.2	0.0	8.21550	+647	+ 75
17.5	+ 1.98	−0.25	−0.20	+ 34.2	−21.5	− 0.3	8.22197	+678	+ 31
18.5	+ 1.73	−0.50	−0.25	+ 12.7	−22.1	− 0.6	8.22875	+658	− 20
19.5	+ 1.23	−0.79	−0.29	− 9.4	−22.5	− 0.4	8.23533	+580	− 78
20.5	+ 0.44	−1.11	−0.32	− 31.9	−22.1	+ 0.4	8.24113	+448	−132
21.5	− 0.67	−1.45	−0.34	− 54.0	−19.7	+ 2.4	8.24561	+275	−173
22.5	− 2.12	−1.80	−0.35	− 73.7	−14.6	+ 5.1	8.24836	+ 79	−196
23.5	− 3.92	−2.12	−0.32	− 88.3	− 6.3	+ 8.3	8.24915	−111	−190
24.5	− 6.04	−2.33	−0.21	− 94.6	+ 4.7	+11.0	8.24804	−275	−164
25.5	− 8.37	−2.32	+0.01	− 89.9	+17.1	+12.4	8.24529	−401	−126
26.5	−10.69	−1.97	+0.35	− 72.8	+29.2	+12.1	8.24128	−481	− 80
27.5	−12.66	−1.28	+0.69	− 43.6	+38.3	+ 9.1	8.23647	−518	− 37
28.5	−13.94	−0.33	+0.95	− 5.3	+43.1	+ 4.8	8.23129	−521	− 3
29.5	−14.27			+ 37.8			8.22608		
Sept. 12.5	+ 2.06	+0.41		+ 56.8	−20.7		8.20897	+567	
13.5	+ 2.47	+0.26	−0.15	+ 36.1	−19.4	+ 1.3	8.21464	+658	+ 91
14.5	+ 2.73	+0.02	−0.24	+ 16.7	−18.5	+ 0.9	8.22122	+715	+ 57
15.5	+ 2.75	−0.34	−0.36	− 1.8	−18.3	+ 0.2	8.22837	+724	+ 9
16.5	+ 2.41	−0.79	−0.45	− 20.1	−18.5	− 0.2	8.23561	+674	− 50
17.5	+ 1.62	−1.29	−0.50	− 38.6	−18.1	+ 0.4	8.24235	+557	−117
18.5	+ 0.33	−1.82	−0.53	− 56.7	−16.1	+ 2.0	8.24792	+382	−175
19.5	− 1.49	−2.35	−0.53	− 72.8	−11.0	+ 5.1	8.25174	+164	−218
20.5	− 3.84	−2.76	−0.41	− 83.8	− 1.9	+ 9.1	8.25338	− 70	−234
21.5	− 6.60	−2.95	−0.19	− 85.7	+10.6	+12.5	8.25268	−290	−220
22.5	− 9.55	−2.75	+0.20	− 75.1	+24.4	+13.8	8.24978	−468	−178
23.5	−12.30	−2.06	+0.69	− 50.7	+36.6	+12.2	8.24510	−590	−122
24.5	−14.36	−0.98	+1.08	− 14.1	+44.0	+ 7.4	8.23920	−651	− 61
25.5	−15.34	+0.20	+1.18	+ 29.9	+45.4	+ 1.4	8.23269	−658	− 7
26.5	−15.14	+1.20	+1.00	+ 75.3	+41.2	− 4.2	8.22611	−624	+ 34
27.5	−13.94	+1.83	+0.63	+116.5	+33.3	− 7.9	8.21987	−560	+ 64
28.5	−12.11			+149.8			8.21427		
Okt. 12.5	+ 2.87	+0.29		− 0.3	−15.7		8.21971	+667	
13.5	+ 3.16	−0.10	−0.39	− 16.0	−14.4	+ 1.3	8.22638	+701	+ 34
14.5	+ 3.06	−0.63	−0.53	− 30.4	−13.6	+ 0.8	8.23339	+687	− 14
15.5	+ 2.43	−1.23	−0.60	− 44.0	−12.8	+ 0.8	8.24026	+611	− 76
16.5	+ 1.20	−1.89	−0.66	− 56.8	−10.7	+ 2.1	8.24637	+472	−139
17.5	− 0.69	−2.55	−0.66	− 67.5	− 5.5	+ 5.2	8.25109	+275	−197
18.5	− 3.24	−3.07	−0.52	− 73.0	+ 3.7	+ 9.2	8.25384	+ 40	−235
19.5	− 6.31	−3.27	−0.20	− 69.3	+16.4	+12.7	8.25424	−203	−243
20.5	− 9.58		+0.33	− 52.9		+13.9	8.25221		−216

Mittlere Zeit Greenwich	$\alpha_{☾} - \alpha_k$			$\delta_{☾} - \delta_k$			log sin p_k		
	s	s	s	″	″	″			
Okt. 20.5	− 9.58	−2.94	+0.33	− 52.9	+30.3	+13.9	8.25221	−419	−216
21.5	−12.52	−2.02	+0.92	− 22.6	+41.6	+11.3	8.24802	−588	−169
22.5	−14.54	−0.75	+1.27	+ 19.0	+46.6	+ 5.0	8.24214	−693	−105
23.5	−15.29	+0.52	+1.27	+ 65.6	+44.8	− 1.8	8.23521	−729	− 36
24.5	−14.77	+1.43	+0.91	+110.4	+37.8	− 7.0	8.22792	−709	+ 20
25.5	−13.34	+1.92	+0.49	+148.2	+27.8	−10.0	8.22083	−645	+ 64
26.5	−11.42	+2.06	+0.14	+176.0	+17.3	−10.5	8.21438	−551	+ 94
27.5	− 9.36			+193.3			8.20887		
Nov. 10.5	+ 2.68	+0.03		− 30.8	−11.1		8.22495	+584	
11.5	+ 2.71	−0.47	−0.50	− 41.9	− 9.1	+ 2.0	8.23079	+591	+ 7
12.5	+ 2.24	−1.06	−0.59	− 51.0	− 7.1	+ 2.0	8.23670	+554	− 37
13.5	+ 1.18	−1.72	−0.66	− 58.1	− 4.0	+ 3.1	8.24224	+465	− 89
14.5	− 0.54	−2.39	−0.67	− 62.1	+ 1.5	+ 5.5	8.24689	+324	−141
15.5	− 2.93	−2.93	−0.54	− 60.6	+10.4	+ 8.9	8.25013	+135	−189
16.5	− 5.86	−3.10	−0.17	− 50.2	+22.3	+11.9	8.25148	− 81	−216
17.5	− 8.96	−2.70	+0.40	− 27.9	+34.6	+12.3	8.25067	−297	−216
18.5	−11.66	−1.73	+0.97	+ 6.7	+43.5	+ 8.9	8.24770	−486	−189
19.5	−13.39	−0.48	+1.25	+ 50.2	+46.1	+ 2.6	8.24284	−625	−139
20.5	−13.87	+0.64	+1.12	+ 96.3	+41.8	− 4.3	8.23659	−700	− 75
21.5	−13.23	+1.40	+0.76	+138.1	+33.0	− 8.8	8.22959	−714	− 14
22.5	−11.83	+1.76	+0.36	+171.1	+22.2	−10.8	8.22245	−674	+ 40
23.5	−10.07	+1.81	+0.05	+193.3	+11.4	−10.8	8.21571	−591	+ 83
24.5	− 8.26	+1.68	−0.13	+204.7	+ 1.9	− 9.5	8.20980	−478	+113
25.5	− 6.58	+1.45	−0.23	+206.6	− 5.9	− 7.8	8.20502	−351	+127
26.5	− 5.13			+200.7			8.20151		
Dez. 10.5	+ 0.93	−1.02		− 60.1	− 1.7		8.23445	+387	
11.5	− 0.09	−1.58	−0.56	− 61.8	+ 2.9	+ 4.6	8.23832	+335	− 52
12.5	− 1.67	−2.10	−0.52	− 58.9	+ 9.4	+ 6.5	8.24167	+248	− 87
13.5	− 3.77	−2.46	−0.36	− 49.5	+18.2	+ 8.8	8.24415	+126	−122
14.5	− 6.23	−2.46	0.00	− 31.3	+28.4	+10.2	8.24541	− 26	−152
15.5	− 8.69	−1.98	+0.48	− 2.9	+37.6	+ 9.2	8.24515	−192	−166
16.5	−10.67	−1.08	+0.90	+ 34.7	+43.0	+ 5.4	8.24323	−355	−163
17.5	−11.75	−0.07	+1.01	+ 77.7	+42.5	− 0.5	8.23968	−491	−136
18.5	−11.82	+0.78	+0.85	+120.2	+36.6	− 5.9	8.23477	−587	− 96
19.5	−11.04	+1.29	+0.51	+156.8	+27.2	− 9.4	8.22890	−632	− 45
20.5	− 9.75	+1.49	+0.20	+184.0	+16.4	−10.8	8.22258	−624	+ 8
21.5	− 8.26	+1.48	−0.01	+200.4	+ 6.1	−10.3	8.21634	−569	+ 55
22.5	− 6.78	+1.33	−0.15	+206.5	− 2.9	− 9.0	8.21065	−475	+ 94
23.5	− 5.45	+1.14	−0.19	+203.6	−10.2	− 7.3	8.20590	−356	+119
24.5	− 4.31	+0.93	−0.21	+193.4	−15.9	− 5.7	8.20234	−220	+136
25.5	− 3.38			+177.5			8.20014		

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Jan. 0.0	19 8 9.10	5 15.53	−20 38 28.0	9 43.8	9.839908	5995	0 30.6
1.0	19 2 53.57	5 37.40	20 28 44.2	8 22.7	9.833913	4139	0 21.4
2.0	18 57 16.17	5 48.43	20 20 21.5	7 0.0	9.829774	2185	0 11.9
3.0	18 51 27.74	5 48.20	20 13 21.5	5 35.4	9.827589	218	0 2.3 / 23 52.6
4.0	18 45 39.54	5 37.10	20 7 46.1	4 8.5	9.827371	1689	23 43.1
5.0	18 40 2.44	5 16.28	20 3 37.6	2 40.0	9.829060	3463	23 33.9
6.0	18 34 46.16	4 47.37	−20 0 57.6	1 10.7	9.832523	5052	23 25.2
7.0	18 29 58.79	4 12.33	19 59 46.9	0 18.2	9.837575	6421	23 17.1
8.0	18 25 46.46	3 33.15	20 0 5.1	1 44.4	9.843996	7555	23 9.6
9.0	18 22 13.31	2 51.68	20 1 49.5	3 6.0	9.851551	8456	23 2.8
10.0	18 19 21.63	2 9.48	20 4 55.5	4 21.1	9.860007	9136	22 56.7
11.0	18 17 12.15	1 27.79	20 9 16.6	5 28.1	9.869143	9619	22 51.3
12.0	18 15 44.36	0 47.54	−20 14 44.7	6 25.6	9.878762	9929	22 46.6
13.0	18 14 56.82	0 9.34	20 21 10.3	7 12.8	9.888691	10094	22 42.5
14.0	18 14 47.48	0 26.46	20 28 23.1	7 49.8	9.898785	10139	22 38.9
15.0	18 15 13.94	0 59.64	20 36 12.9	8 16.1	9.908924	10090	22 36.0
16.0	18 16 13.58	1 30.17	20 44 29.0	8 32.4	9.919014	9963	22 33.5
17.0	18 17 43.75	1 58.13	20 53 1.4	8 39.0	9.928977	9781	22 31.5
18.0	18 19 41.88	2 23.60	−21 1 40.4	8 36.6	9.938758	9555	22 29.9
19.0	18 22 5.48	2 46.75	21 10 17.0	8 26.0	9.948313	9299	22 28.7
20.0	18 24 52.23	3 7.75	21 18 43.0	8 7.5	9.957612	9021	22 27.9
21.0	18 27 59.98	3 26.79	21 26 50.5	7 42.4	9.966633	8732	22 27.4
22.0	18 31 26.77	3 44.03	21 34 32.9	7 11.0	9.975365	8433	22 27.2
23.0	18 35 10.80	3 59.66	21 41 43.9	6 33.9	9.983798	8132	22 27.2
24.0	18 39 10.46	4 13.81	−21 48 17.8	5 51.9	9.991930	7832	22 27.5
25.0	18 43 24.27	4 26.64	21 54 9.7	5 5.4	9.999762	7536	22 27.9
26.0	18 47 50.91	4 38.29	21 59 15.1	4 15.0	0.007298	7244	22 28.6
27.0	18 52 29.20	4 48.86	22 3 30.1	3 21.0	0.014542	6959	22 29.5
28.0	18 57 18.06	4 58.47	22 6 51.1	2 23.9	0.021501	6682	22 30.5
29.0	19 2 16.53	5 7.21	22 9 15.0	1 24.0	0.028183	6413	22 31.7
30.0	19 7 23.74	5 15.17	−22 10 39.0	0 21.6	0.034596	6154	22 33.0
31.0	19 12 38.91	5 22.42	22 11 0.6	0 42.9	0.040750	5901	22 34.4
Febr. 1.0	19 18 1.33	5 29.04	22 10 17.7	1 49.5	0.046651	5658	22 36.0
2.0	19 23 30.37	5 35.09	22 8 28.2	2 57.8	0.052309	5424	22 37.6
3.0	19 29 5.46	5 40.61	22 5 30.4	4 7.5	0.057733	5197	22 39.3
4.0	19 34 46.07	5 45.65	22 1 22.9	5 18.7	0.062930	4979	22 41.1
5.0	19 40 31.72	5 50.28	−21 56 4.2	6 31.2	0.067909	4769	22 43.0
6.0	19 46 22.00	5 54.51	21 49 33.0	7 44.6	0.072678	4565	22 45.0
7.0	19 52 16.51	5 58.39	21 41 48.4	8 59.0	0.077243	4368	22 47.0
8.0	19 58 14.90	6 1.94	21 32 49.4	10 14.3	0.081611	4178	22 49.1
9.0	20 4 16.84	6 5.21	21 22 35.1	11 30.3	0.085789	3994	22 51.3
10.0	20 10 22.05		21 11 4.8		0.089783		22 53.5

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Febr. 10.0	20 10 22.05	6 8.22	−21 11 4.8	12 47.0	0.089783	3816	22 53.5
11.0	20 16 30.27	6 10.98	20 58 17.8	14 4.2	0.093599	3642	22 55.7
12.0	20 22 41.25	6 13.53	20 44 13.6	15 22.1	0.097241	3474	22 58.0
13.0	20 28 54.78	6 15.89	20 28 51.5	16 40.2	0.100715	3309	23 0.3
14.0	20 35 10.67	6 18.07	20 12 11.3	17 58.8	0.104024	3149	23 2.7
15.0	20 41 28.74	6 20.11	19 54 12.5	19 17.9	0.107173	2992	23 5.1
16.0	20 47 48.85	6 22.01	−19 34 54.6	20 37.2	0.110165	2837	23 7.5
17.0	20 54 10.86	6 23.80	19 14 17.4	21 56.7	0.113002	2686	23 9.9
18.0	21 0 34.66	6 25.49	18 52 20.7	23 16.6	0.115688	2535	23 12.4
19.0	21 7 0.15	6 27.10	18 29 4.1	24 36.6	0.118223	2388	23 14.9
20.0	21 13 27.25	6 28.65	18 4 27.5	25 56.8	0.120611	2239	23 17.5
21.0	21 19 55.90	6 30.14	17 38 30.7	27 17.2	0.122850	2092	23 20.0
22.0	21 26 26.04	6 31.58	−17 11 13.5	28 37.7	0.124942	1945	23 22.6
23.0	21 32 57.62	6 33.01	16 42 35.8	29 58.2	0.126887	1795	23 25.2
24.0	21 39 30.63	6 34.42	16 12 37.6	31 18.7	0.128682	1646	23 27.9
25.0	21 46 5.05	6 35.82	15 41 18.9	32 39.3	0.130328	1492	23 30.5
26.0	21 52 40.87	6 37.24	15 8 39.6	33 59.8	0.131820	1337	23 33.2
27.0	21 59 18.11	6 38.67	14 34 39.8	35 20.2	0.133157	1178	23 35.9
28.0	22 5 56.78	6 40.12	−13 59 19.6	36 40.3	0.134335	1014	23 38.7
März 1.0	22 12 36.90	6 41.61	13 22 39.3	38 0.2	0.135349	845	23 41.4
2.0	22 19 18.51	6 43.14	12 44 39.1	39 19.7	0.136194	670	23 44.2
3.0	22 26 1.65	6 44.71	12 5 19.4	40 38.9	0.136864	486	23 47.0
4.0	22 32 46.36	6 46.32	11 24 40.5	41 57.3	0.137350	296	23 49.8
5.0	22 39 32.68	6 47.99	10 42 43.2	43 14.9	0.137646	94	23 52.7
6.0	22 46 20.67	6 49.69	− 9 59 28.3	44 31.8	0.137740	116	23 55.6
7.0	22 53 10.36	6 51.45	9 14 56.5	45 47.2	0.137624	340	23 58.5
8.0	23 0 1.81	6 53.22	8 29 9.3	47 1.3	0.137284	577	—
9.0	23 6 55.03	6 55.01	7 42 8.0	48 13.7	0.136707	827	0 1.5
10.0	23 13 50.04	6 56.80	6 53 54.3	49 23.7	0.135880	1095	0 4.4
11.0	23 20 46.84	6 58.56	6 4 30.6	50 31.2	0.134785	1380	0 7.5
12.0	23 27 45.40	7 0.26	− 5 13 59.4	51 35.6	0.133405	1683	0 10.5
13.0	23 34 45.66	7 1.85	4 22 23.8	52 36.2	0.131722	2008	0 13.6
14.0	23 41 47.51	7 3.30	3 29 47.6	53 32.4	0.129714	2353	0 16.7
15.0	23 48 50.81	7 4.53	2 36 15.2	54 23.4	0.127361	2721	0 19.8
16.0	23 55 55.34	7 5.49	1 41 51.8	55 8.4	0.124640	3113	0 22.9
17.0	0 3 0.83	7 6.09	− 0 46 43.4	55 46.3	0.121527	3529	0 26.1
18.0	0 10 6.92	7 6.23	+ 0 9 2.9	56 16.3	0.117998	3969	0 29.2
19.0	0 17 13.15	7 5.84	1 5 19.2	56 37.2	0.114029	4432	0 32.4
20.0	0 24 18.99	7 4.77	2 1 56.4	56 48.0	0.109597	4918	0 35.6
21.0	0 31 23.76	7 2.93	2 58 44.4	56 47.5	0.104679	5425	0 38.7
22.0	0 38 26.69	7 0.19	3 55 31.9	56 34.7	0.099254	5949	0 41.8
23.0	0 45 26.88		4 52 6.6		0.093305		0 44.9

Merkur 1918

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
März 23.0	0 45 26.88	6 56.44	+ 4 52 6.6	56 8.8	0.093305	6488	0 44.9
24.0	0 52 23.32	6 51.58	5 48 15.4	55 29.1	0.086817	7036	0 47.9
25.0	0 59 14.90	6 45.47	6 43 44.5	54 35.0	0.079781	7590	0 50.8
26.0	1 6 0.37	6 38.07	7 38 19.5	53 26.3	0.072191	8142	0 53.6
27.0	1 12 38.44	6 29.30	8 31 45.8	52 2.9	0.064049	8687	0 56.3
28.0	1 19 7.74	6 19.13	9 23 48.7	50 25.4	0.055362	9218	0 58.9
29.0	1 25 26.87	6 7.52	+10 14 14.1	48 34.2	0.046144	9729	1 1.2
30.0	1 31 34.39	5 54.53	11 2 48.3	46 30.2	0.036415	10215	1 3.4
31.0	1 37 28.92	5 40.14	11 49 18.5	44 14.6	0.026200	10668	1 5.4
April 1.0	1 43 9.06	5 24.44	12 33 33.1	41 48.3	0.015532	11086	1 7.1
2.0	1 48 33.50	5 7.50	13 15 21.4	39 12.7	0.004446	11462	1 8.5
3.0	1 53 41.00	4 49.38	13 54 34.1	36 28.9	9.992984	11794	1 9.7
4.0	1 58 30.38	4 30.18	+14 31 3.0	33 38.0	9.981190	12078	1 10.6
5.0	2 3 0.56	4 10.00	15 4 41.0	30 41.2	9.969112	12314	1 11.1
6.0	2 7 10.56	3 48.93	15 35 22.2	27 39.2	9.956798	12494	1 11.3
7.0	2 10 59.49	3 27.09	16 3 1.4	24 32.9	9.944304	12622	1 11.2
8.0	2 14 26.58	3 4.58	16 27 34.3	21 23.1	9.931682	12694	1 10.7
9.0	2 17 31.16	2 41.51	16 48 57.4	18 10.2	9.918988	12705	1 9.8
10.0	2 20 12.67	2 18.03	+17 7 7.6	14 54.7	9.906283	12656	1 8.5
11.0	2 22 30.70	1 54.28	17 22 2.3	11 37.2	9.893627	12545	1 6.9
12.0	2 24 24.98	1 30.39	17 33 39.5	8 18.5	9.881082	12368	1 4.8
13.0	2 25 55.37	1 6.56	17 41 58.0	4 58.7	9.868714	12123	1 2.4
14.0	2 27 1.93	0 43.00	17 46 56.7	1 39.2	9.856591	11809	0 59.5
15.0	2 27 44.93	0 19.88	17 48 35.9	1 39.4	9.844782	11423	0 56.3
16.0	2 28 4.81	0 2.50	+17 46 56.5	4 56.0	9.833359	10965	0 52.7
17.0	2 28 2.31	0 23.92	17 42 0.5	8 8.7	9.822394	10432	0 48.7
18.0	2 27 38.39	0 44.12	17 33 51.8	11 16.2	9.811962	9828	0 44.3
19.0	2 26 54.27	1 2.81	17 22 35.6	14 15.9	9.802134	9152	0 39.7
20.0	2 25 51.46	1 19.72	17 8 19.7	17 6.1	9.792982	8409	0 34.7
21.0	2 24 31.74	1 34.64	16 51 13.6	19 44.1	9.784573	7601	0 29.4
22.0	2 22 57.10	1 47.29	+16 31 29.5	22 7.4	9.776972	6738	0 23.9
23.0	2 21 9.81	1 57.52	16 9 22.1	24 13.7	9.770234	5826	0 18.2
24.0	2 19 12.29	2 5.19	15 45 8.4	26 0.4	9.764408	4876	0 12.3
25.0	2 17 7.10	2 10.19	15 19 8.0	27 25.7	9.759532	3897	0 6.3
26.0	2 14 56.91	2 12.53	14 51 42.3	28 28.1	9.755635	2904	{ 0 0.2 23 54.1
27.0	2 12 44.38	2 12.21	14 23 14.2	29 6.4	9.752731	1906	23 48.0
28.0	2 10 32.17	2 9.35	+13 54 7.8	29 20.5	9.750825	917	23 41.9
29.0	2 8 22.82	2 4.09	13 24 47.3	29 10.1	9.749908	50	23 35.9
30.0	2 6 18.73	1 56.63	12 55 37.2	28 36.5	9.749958	985	23 30.1
Mai 1.0	2 4 22.10	1 47.19	12 27 0.7	27 41.0	9.750943	1880	23 24.4
2.0	2 2 34.91	1 36.04	11 59 19.7	26 25.6	9.752823	2726	23 18.8
3.0	2 0 58.87		11 32 54.1		9.755549		23 13.5

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Mai 3.0	2 0 58.87	1 23.40	+11 32 54.1	24 52.1	9.755549	3516	23 13.5
4.0	1 59 35.47	1 9.58	11 8 2.0	23 3.4	9.759065	4249	23 8.4
5.0	1 58 25.89	0 54.81	10 44 58.6	21 1.8	9.763314	4918	23 3.6
6.0	1 57 31.08	0 39.35	10 23 56.8	18 49.9	9.768232	5526	22 59.0
7.0	1 56 51.73	0 23.39	10 5 6.9	16 30.1	9.773758	6073	22 54.7
8.0	1 56 28.34	0 7.13	9 48 36.8	14 4.8	9.779831	6558	22 50.6
9.0	1 56 21.21	0 9.24	+ 9 34 32.0	11 36.1	9.786389	6987	22 46.8
10.0	1 56 30.45	0 25.61	9 22 55.9	9 5.6	9.793376	7362	22 43.3
11.0	1 56 56.06	0 41.86	9 13 50.3	6 35.0	9.800738	7685	22 40.0
12.0	1 57 37.92	0 57.90	9 7 15.3	4 5.7	9.808423	7964	22 37.0
13.0	1 58 35.82	1 13.65	9 3 9.6	1 38.6	9.816387	8199	22 34.3
14.0	1 59 49.47	1 29.09	9 1 31.0	0 45.3	9.824586	8395	22 31.9
15.0	2 1 18.56	1 44.19	+ 9 2 16.3	3 5.2	9.832981	8558	22 29.6
16.0	2 3 2.75	1 58.89	9 5 21.5	5 20.7	9.841539	8688	22 27.7
17.0	2 5 1.64	2 13.23	9 10 42.2	7 31.4	9.850227	8790	22 25.9
18.0	2 7 14.87	2 27.20	9 18 13.6	9 36.9	9.859017	8869	22 24.4
19.0	2 9 42.07	2 40.81	9 27 50.5	11 37.1	9.867886	8924	22 23.1
20.0	2 12 22.88	2 54.10	9 39 27.6	13 31.8	9.876810	8960	22 22.1
21.0	2 15 16.98	3 7.06	+ 9 52 59.4	15 21.0	9.885770	8979	22 21.2
22.0	2 18 24.04	3 19.75	10 8 20.4	17 4.6	9.894749	8981	22 20.6
23.0	2 21 43.79	3 32.19	10 25 25.0	18 42.7	9.903730	8971	22 20.2
24.0	2 25 15.98	3 44.41	10 44 7.7	20 15.2	9.912701	8946	22 20.0
25.0	2 29 0.39	3 56.46	11 4 22.9	21 42.2	9.921647	8911	22 20.0
26.0	2 32 56.85	4 8.36	11 26 5.1	23 3.8	9.930558	8865	22 20.2
27.0	2 37 5.21	4 20.18	+11 49 8.9	24 19.9	9.939423	8809	22 20.5
28.0	2 41 25.39	4 31.90	12 13 28.8	25 30.4	9.948232	8743	22 21.1
29.0	2 45 57.29	4 43.62	12 38 59.2	26 35.4	9.956975	8668	22 21.9
30.0	2 50 40.91	4 55.34	13 5 34.6	27 35.1	9.965643	8584	22 22.9
31.0	2 55 36.25	5 7.11	13 33 9.7	28 29.0	9.974227	8490	22 24.0
Juni 1.0	3 0 43.36	5 18.93	14 1 38.7	29 17.2	9.982717	8387	22 25.4
2.0	3 6 2.29	5 30.87	+14 30 55.9	29 59.4	9.991104	8274	22 26.9
3.0	3 11 33.16	5 42.94	15 0 55.3	30 35.7	9.999378	8150	22 28.7
4.0	3 17 16.10	5 55.16	15 31 31.0	31 5.6	0.007528	8015	22 30.7
5.0	3 23 11.26	6 7.55	16 2 36.6	31 28.8	0.015543	7867	22 32.8
6.0	3 29 18.81	6 20.13	16 34 5.4	31 45.2	0.023410	7708	22 35.2
7.0	3 35 38.94	6 32.90	17 5 50.6	31 54.1	0.031118	7532	22 37.8
8.0	3 42 11.84	6 45.84	+17 37 44.7	31 55.2	0.038650	7342	22 40.6
9.0	3 48 57.68	6 58.96	18 9 39.9	31 48.1	0.045992	7134	22 43.7
10.0	3 55 56.64	7 12.22	18 41 28.0	31 32.1	0.053126	6908	22 46.9
11.0	4 3 8.86	7 25.56	19 13 0.1	31 6.7	0.060034	6664	22 50.4
12.0	4 10 34.42	7 38.94	19 44 6.8	30 31.2	0.066698	6396	22 54.1
13.0	4 18 13.36		20 14 38.0		0.073094		22 58.0

Mittlere Zeit Greenwich	Scheinbare Rektaszension (h m s)	Diff. (m s)	Scheinbare Deklination (° ′ ″)	Diff. (′ ″)	log Δ	Diff.	Zeit der oberen Kulmination (h m)
Juni 13.0	4 18 13.36	7 52.27	+20 14 38.0	29 45.2	0.073094	6108	22 58.0
14.0	4 26 5.63	8 5.46	20 44 23.2	28 47.9	0.079202	5796	23 2.2
15.0	4 34 11.09	8 18.37	21 13 11.1	27 39.1	0.084998	5461	23 6.6
16.0	4 42 29.46	8 30.86	21 40 50.2	26 18.4	0.090459	5101	23 11.1
17.0	4 51 0.32	8 42.79	22 7 8.6	24 45.4	0.095560	4718	23 15.9
18.0	4 59 43.11	8 53.97	22 31 54.0	23 0.2	0.100278	4313	23 20.9
19.0	5 8 37.08	9 4.22	+22 54 54.2	21 3.4	0.104591	3887	23 26.0
20.0	5 17 41.30	9 13.38	23 15 57.6	18 55.0	0.108478	3442	23 31.3
21.0	5 26 54.68	9 21.24	23 34 52.6	16 36.2	0.111920	2982	23 36.8
22.0	5 36 15.92	9 27.70	23 51 28.8	14 8.1	0.114902	2513	23 42.3
23.0	5 45 43.62	9 32.61	24 5 36.9	11 32.1	0.117415	2034	23 47.9
24.0	5 55 16.23	9 35.87	24 17 9.0	8 49.9	0.119449	1554	23 53.6
25.0	6 4 52.10	9 37.47	+24 25 58.9	6 3.1	0.121003	1077	23 59.3
26.0	6 14 29.57	9 37.39	24 32 2.0	3 14.0	0.122080	606	—
27.0	6 24 6.96	9 35.66	24 35 16.0	0 24.2	0.122686	146	0 5.0
28.0	6 33 42.62	9 32.38	24 35 40.2	2 24.5	0.122832	299	0 10.7
29.0	6 43 15.00	9 27.65	24 33 15.7	5 10.2	0.122533	726	0 16.3
30.0	6 52 42.65	9 21.61	24 28 5.5	7 51.8	0.121807	1134	0 21.8
Juli 1.0	7 2 4.26	9 14.39	+24 20 13.7	10 27.7	0.120673	1519	0 27.3
2.0	7 11 18.65	9 6.19	24 9 46.0	12 57.0	0.119154	1882	0 32.6
3.0	7 20 24.84	8 57.13	23 56 49.0	15 18.9	0.117272	2222	0 37.8
4.0	7 29 21.97	8 47.37	23 41 30.1	17 33.0	0.115050	2539	0 42.8
5.0	7 38 9.34	8 37.07	23 23 57.1	19 38.9	0.112511	2836	0 47.6
6.0	7 46 46.41	8 26.34	23 4 18.2	21 36.3	0.109675	3109	0 52.3
7.0	7 55 12.75	8 15.32	+22 42 41.9	23 25.4	0.106566	3365	0 56.8
8.0	8 3 28.07	8 4.08	22 19 16.5	25 6.2	0.103201	3600	1 1.1
9.0	8 11 32.15	7 52.73	21 54 10.3	26 38.8	0.099601	3820	1 5.3
10.0	8 19 24.88	7 41.34	21 27 31.5	28 3.4	0.095781	4023	1 9.2
11.0	8 27 6.22	7 29.96	20 59 28.1	29 20.4	0.091758	4213	1 12.9
12.0	8 34 36.18	7 18.64	20 30 7.7	30 30.2	0.087545	4390	1 16.5
13.0	8 41 54.82	7 7.41	+19 59 37.5	31 32.8	0.083155	4555	1 19.9
14.0	8 49 2.23	6 56.31	19 28 4.7	32 28.9	0.078600	4711	1 23.0
15.0	8 55 58.54	6 45.35	18 55 35.8	33 18.4	0.073889	4858	1 26.0
16.0	9 2 43.89	6 34.53	18 22 17.4	34 1.9	0.069031	4998	1 28.8
17.0	9 9 18.42	6 23.87	17 48 15.5	34 39.6	0.064033	5131	1 31.5
18.0	9 15 42.29	6 13.36	17 13 35.9	35 11.7	0.058902	5258	1 33.9
19.0	9 21 55.65	6 3.00	+16 38 24.2	35 38.6	0.053644	5381	1 36.2
20.0	9 27 58.65	5 52.79	16 2 45.6	36 0.3	0.048263	5500	1 38.3
21.0	9 33 51.44	5 42.68	15 26 45.3	36 17.0	0.042763	5615	1 40.2
22.0	9 39 34.12	5 32.71	14 50 28.3	36 29.1	0.037148	5728	1 42.0
23.0	9 45 6.83	5 22.81	14 13 59.2	36 36.6	0.031420	5839	1 43.6
24.0	9 50 29.64		13 37 22.6		0.025581		1 45.0

Mittlere Zeit Greenwich		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
		h m s	m s	° ′ ″	′ ″			h m
Juli	24.0	9 50 29.64	5 12.97	+13 37 22.6	36 39.6	0.025581	5948	1 45.0
	25.0	9 55 42.61	5 3.23	13 0 43.0	36 38.1	0.019633	6057	1 46.3
	26.0	10 0 45.84	4 53.47	12 24 4.9	36 32.2	0.013576	6164	1 47.4
	27.0	10 5 39.31	4 43.73	11 47 32.7	36 22.2	0.007412	6271	1 48.3
	28.0	10 10 23.04	4 33.94	11 11 10.5	36 7.7	0.001141	6378	1 49.1
	29.0	10 14 56.98	4 24.09	10 35 2.8	35 48.8	9.994763	6483	1 49.7
	30.0	10 19 21.07	4 14.14	+ 9 59 14.0	35 25.6	9.988280	6590	1 50.1
	31.0	10 23 35.21	4 4.05	9 23 48.4	34 57.9	9.981690	6695	1 50.4
Aug.	1.0	10 27 39.26	3 53.82	8 48 50.5	34 25.4	9.974995	6801	1 50.5
	2.0	10 31 33.08	3 43.33	8 14 25.1	33 48.1	9.968194	6904	1 50.5
	3.0	10 35 16.41	3 32.63	7 40 37.0	33 6.0	9.961290	7007	1 50.2
	4.0	10 38 49.04	3 21.62	7 7 31.0	32 18.5	9.954283	7107	1 49.8
	5.0	10 42 10.66	3 10.26	+ 6 35 12.5	31 25.7	9.947176	7205	1 49.2
	6.0	10 45 20.92	2 58.54	6 3 46.8	30 27.0	9.939971	7298	1 48.4
	7.0	10 48 19.46	2 46.37	5 33 19.8	29 22.2	9.932673	7385	1 47.4
	8.0	10 51 5.83	2 33.72	5 3 57.6	28 11.0	9.925288	7466	1 46.3
	9.0	10 53 39.55	2 20.58	4 35 46.6	26 52.9	9.917822	7536	1 44.9
	10.0	10 56 0.13	2 6.84	4 8 53.7	25 27.5	9.910286	7596	1 43.2
	11.0	10 58 6.97	1 52.53	+ 3 43 26.2	23 54.4	9.902690	7642	1 41.4
	12.0	10 59 59.50	1 37.55	3 19 31.8	22 13.1	9.895048	7669	1 39.3
	13.0	11 1 37.05	1 21.93	2 57 18.7	20 23.0	9.887379	7676	1 37.0
	14.0	11 2 58.98	1 5.61	2 36 55.7	18 23.8	9.879703	7657	1 34.4
	15.0	11 4 4.59	0 48.60	2 18 31.9	16 15.0	9.872046	7608	1 31.6
	16.0	11 4 53.19	0 30.91	2 2 16.9	13 56.2	9.864438	7523	1 28.4
	17.0	11 5 24.10	0 12.58	+ 1 48 20.7	11 27.2	9.856915	7395	1 25.0
	18.0	11 5 36.68	0 6.32	1 36 53.5	8 47.8	9.849520	7220	1 21.2
	19.0	11 5 30.36	0 25.71	1 28 5.7	5 58.2	9.842300	6987	1 17.2
	20.0	11 5 4.65	0 45.45	1 22 7.5	2 58.8	9.835313	6693	1 12.8
	21.0	11 4 19.20	1 5.33	1 19 8.7	0 9.7	9.828620	6325	1 8.1
	22.0	11 3 13.87	1 25.13	1 19 18.4	3 26.0	9.822295	5878	1 3.1
	23.0	11 1 48.74	1 44.57	+ 1 22 44.4	6 48.5	9.816417	5346	0 57.7
	24.0	11 0 4.17	2 3.29	1 29 32.9	10 14.9	9.811071	4722	0 52.0
	25.0	10 58 0.88	2 20.86	1 39 47.8	13 41.9	9.806349	4000	0 46.1
	26.0	10 55 40.02	2 36.88	1 53 29.7	17 6.3	9.802349	3179	0 39.8
	27.0	10 53 3.14	2 50.82	2 10 36.0	20 23.4	9.799170	2261	0 33.3
	28.0	10 50 12.32	3 2.21	2 30 59.4	23 29.0	9.796909	1250	0 26.5
	29.0	10 47 10.11	3 10.54	+ 2 54 28.4	26 17.9	9.795659	151	0 19.5
	30.0	10 43 59.57	3 15.34	3 20 46.3	28 44.6	9.795508	1017	0 12.5
	31.0	10 40 44.23	3 16.24	3 49 30.9	30 44.9	9.796525	2243	0 5.3 23 58.1
Sept.	1.0	10 37 27.99	3 12.94	4 20 15.8	32 14.3	9.798768	3502	23 51.0
	2.0	10 34 15.05	3 5.26	4 52 30.1	33 9.4	9.802270	4774	23 44.0
	3.0	10 31 9.79		5 25 39.5		9.807044		23 37.2

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Sept. 3.0	10 31 9.79	2 53.17	+5 25 39.5	33 28.0	9.807044	6030	23 37.2
4.0	10 28 16.62	2 36.78	5 59 7.5	33 9.3	9.813074	7249	23 30.7
5.0	10 25 39.84	2 16.35	6 32 16.8	32 13.3	9.820323	8403	23 24.5
6.0	10 23 23.49	1 52.25	7 4 30.1	30 41.8	9.828726	9473	23 18.7
7.0	10 21 31.24	1 24.96	7 35 11.9	28 37.1	9.838199	10437	23 13.3
8.0	10 20 6.28	0 55.07	8 3 49.0	26 2.7	9.848636	11285	23 8.5
9.0	10 19 11.21	0 23.15	+8 29 51.7	23 2.2	9.859921	12002	23 4.1
10.0	10 18 48.06	0 10.14	8 52 53.9	19 39.8	9.871923	12586	23 0.4
11.0	10 18 58.20	0 44.20	9 12 33.7	15 59.7	9.884509	13031	22 57.1
12.0	10 19 42.40	1 18.41	9 28 33.4	12 5.9	9.897540	13342	22 54.5
13.0	10 21 0.81	1 52.21	9 40 39.3	8 2.4	9.910882	13522	22 52.4
14.0	10 22 53.02	2 25.12	9 48 41.7	3 53.0	9.924404	13576	22 50.8
15.0	10 25 18.14	2 56.65	+9 52 34.7	0 18.6	9.937980	13514	22 49.8
16.0	10 28 14.79	3 26.45	9 52 16.1	4 29.5	9.951494	13348	22 49.3
17.0	10 31 41.24	3 54.23	9 47 46.6	8 36.2	9.964842	13086	22 49.2
18.0	10 35 35.47	4 19.72	9 39 10.4	12 36.1	9.977928	12743	22 49.6
19.0	10 39 55.19	4 42.78	9 26 34.3	16 26.7	9.990671	12330	22 50.3
20.0	10 44 37.97	5 3.31	9 10 7.6	20 5.7	0.003001	11860	22 51.4
21.0	10 49 41.28	5 21.32	+8 50 1.9	23 31.4	0.014861	11346	22 52.8
22.0	10 55 2.60	5 36.83	8 26 30.5	26 42.5	0.026207	10800	22 54.5
23.0	11 0 39.43	5 49.96	7 59 48.0	29 37.7	0.037007	10233	22 56.4
24.0	11 6 29.39	6 0.84	7 30 10.3	32 16.8	0.047240	9654	22 58.4
25.0	11 12 30.23	6 9.67	6 57 53.5	34 39.4	0.056894	9073	23 0.7
26.0	11 18 39.90	6 16.63	6 23 14.1	36 45.8	0.065967	8498	23 3.0
27.0	11 24 56.53	6 21.94	+5 46 28.3	38 36.3	0.074465	7934	23 5.4
28.0	11 31 18.47	6 25.81	5 7 52.0	40 11.8	0.082399	7385	23 7.9
29.0	11 37 44.28	6 28.44	4 27 40.2	41 32.9	0.089784	6856	23 10.4
30.0	11 44 12.72	6 30.04	3 46 7.3	42 41.0	0.096640	6350	23 13.0
Okt. 1.0	11 50 42.76	6 30.78	3 3 26.3	43 36.8	0.102990	5867	23 15.6
2.0	11 57 13.54	6 30.81	2 19 49.5	44 21.3	0.108857	5407	23 18.1
3.0	12 3 44.35	6 30.30	+1 35 28.2	44 55.9	0.114264	4972	23 20.7
4.0	12 10 14.65	6 29.34	0 50 32.3	45 21.3	0.119236	4560	23 23.3
5.0	12 16 43.99	6 28.06	+0 5 11.0	45 38.5	0.123796	4173	23 25.8
6.0	12 23 12.05	6 26.55	−0 40 27.5	45 48.4	0.127969	3806	23 28.3
7.0	12 29 38.60	6 24.89	1 26 15.9	45 51.8	0.131775	3461	23 30.8
8.0	12 36 3.49	6 23.13	2 12 7.7	45 49.5	0.135236	3136	23 33.2
9.0	12 42 26.62	6 21.32	−2 57 57.2	45 41.9	0.138372	2828	23 35.6
10.0	12 48 47.94	6 19.53	3 43 39.1	45 29.8	0.141200	2538	23 38.0
11.0	12 55 7.47	6 17.77	4 29 8.9	45 13.7	0.143738	2262	23 40.4
12.0	13 1 25.24	6 16.07	5 14 22.6	44 53.8	0.146000	2002	23 42.7
13.0	13 7 41.31	6 14.47	5 59 16.4	44 30.8	0.148002	1753	23 45.0
14.0	13 13 55.78		6 43 47.2		0.149755		23 47.3

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Okt. 14.0	13 13 55.78	6 12.97	− 6 43 47.2	44 4.9	0.149755	1518	23 47.3
15.0	13 20 8.75	6 11.58	7 27 52.1	43 36.3	0.151273	1292	23 49.6
16.0	13 26 20.33	6 10.32	8 11 28.4	43 5.5	0.152565	1076	23 51.8
17.0	13 32 30.65	6 9.20	8 54 33.9	42 32.4	0.153641	870	23 54.0
18.0	13 38 39.85	6 8.21	9 37 6.3	41 57.5	0.154511	669	23 56.2
19.0	13 44 48.06	6 7.37	10 19 3.8	41 20.7	0.155180	476	23 58.4
20.0	13 50 55.43	6 6.65	−11 0 24.5	40 42.2	0.155656	289	—
21.0	13 57 2.08	6 6.09	11 41 6.7	40 2.3	0.155945	106	0 0.6
22.0	14 3 8.17	6 5.67	12 21 9.0	39 20.7	0.156051	71	0 2.7
23.0	14 9 13.84	6 5.35	13 0 29.7	38 37.9	0.155980	246	0 4.9
24.0	14 15 19.19	6 5.18	13 39 7.6	37 53.6	0.155734	418	0 7.0
25.0	14 21 24.37	6 5.12	14 17 1.2	37 8.1	0.155316	587	0 9.2
26.0	14 27 29.49	6 5.17	−14 54 9.3	36 21.2	0.154729	756	0 11.3
27.0	14 33 34.66	6 5.33	15 30 30.5	35 33.1	0.153973	922	0 13.5
28.0	14 39 39.99	6 5.57	16 6 3.6	34 43.7	0.153051	1089	0 15.6
29.0	14 45 45.56	6 5.91	16 40 47.3	33 53.1	0.151962	1255	0 17.8
30.0	14 51 51.47	6 6.31	17 14 40.4	33 1.2	0.150707	1423	0 19.9
31.0	14 57 57.78	6 6.77	17 47 41.6	32 8.1	0.149284	1590	0 22.1
Nov. 1.0	15 4 4.55	6 7.29	−18 19 49.7	31 13.7	0.147694	1761	0 24.3
2.0	15 10 11.84	6 7.85	18 51 3.4	30 18.1	0.145933	1933	0 26.5
3.0	15 16 19.69	6 8.42	19 21 21.5	29 21.1	0.144000	2107	0 28.6
4.0	15 22 28.11	6 8.99	19 50 42.6	28 22.8	0.141893	2286	0 30.8
5.0	15 28 37.10	6 9.56	20 19 5.4	27 23.2	0.139607	2467	0 33.1
6.0	15 34 46.66	6 10.10	20 46 28.6	26 22.1	0.137140	2653	0 35.3
7.0	15 40 56.76	6 10.58	−21 12 50.7	25 19.8	0.134487	2844	0 37.5
8.0	15 47 7.34	6 10.97	21 38 10.5	24 15.9	0.131643	3041	0 39.8
9.0	15 53 18.31	6 11.29	22 2 26.4	23 10.6	0.128602	3242	0 42.0
10.0	15 59 29.60	6 11.45	22 25 37.0	22 4.0	0.125360	3451	0 44.2
11.0	16 5 41.05	6 11.48	22 47 41.0	20 55.6	0.121909	3667	0 46.5
12.0	16 11 52.53	6 11.29	23 8 36.6	19 46.0	0.118242	3890	0 48.7
13.0	16 18 3.82	6 10.87	−23 28 22.6	18 34.7	0.114352	4123	0 51.0
14.0	16 24 14.69	6 10.19	23 46 57.3	17 22.0	0.110229	4363	0 53.2
15.0	16 30 24.88	6 9.19	24 4 19.3	16 7.6	0.105866	4615	0 55.5
16.0	16 36 34.07	6 7.80	24 20 26.9	14 52.0	0.101251	4877	0 57.7
17.0	16 42 41.87	6 5.99	24 35 18.9	13 34.6	0.096374	5149	0 59.9
18.0	16 48 47.86	6 3.69	24 48 53.5	12 16.0	0.091225	5435	1 2.0
19.0	16 54 51.55	6 0.79	−25 1 9.5	10 55.9	0.085790	5732	1 4.1
20.0	17 0 52.34	5 57.26	25 12 5.4	9 34.5	0.080058	6043	1 6.2
21.0	17 6 49.60	5 52.97	25 21 39.9	8 11.8	0.074015	6368	1 8.2
22.0	17 12 42.57	5 47.80	25 29 51.7	6 48.0	0.067647	6708	1 10.2
23.0	17 18 30.37	5 41.67	25 36 39.7	5 23.2	0.060939	7062	1 12.0
24.0	17 24 12.04		25 42 2.9		0.053877		1 13.8

Mittlere Zeit Greenwich	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log Δ	Diff.	Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Nov. 24.0	17 24 12.04	5 34.40	−25 42 2.9	3 57.6	0.053877	7430	1 13.8
25.0	17 29 46.44	5 25.86	25 46 0.5	2 31.5	0.046447	7814	1 15.4
26.0	17 35 12.30	5 15.87	25 48 32.0	1 4.8	0.038633	8210	1 16.9
27.0	17 40 28.17	5 4.26	25 49 36.8	0 22.0	0.030423	8619	1 18.2
28.0	17 45 32.43	4 50.79	25 49 14.8	1 48.4	0.021804	9037	1 19.3
29.0	17 50 23.22	4 35.23	25 47 26.4	3 14.4	0.012767	9463	1 20.2
30.0	17 54 58.45	4 17.34	−25 44 12.0	4 39.5	0.003304	9889	1 20.8
Dez. 1.0	17 59 15.79	3 56.88	25 39 32.5	6 3.3	9.993415	10312	1 21.1
2.0	18 3 12.67	3 33.53	25 33 29.2	7 25.3	9.983103	10721	1 21.1
3.0	18 6 46.20	3 7.07	25 26 3.9	8 45.4	9.972382	11106	1 20.7
4.0	18 9 53.27	2 37.22	25 17 18.5	10 2.8	9.961276	11453	1 19.9
5.0	18 12 30.49	2 3.83	25 7 15.7	11 17.7	9.949823	11743	1 18.5
6.0	18 14 34.32	1 26.75	−24 55 58.0	12 29.6	9.938080	11955	1 16.6
7.0	18 16 1.07	0 46.07	24 43 28.4	13 38.4	9.926125	12062	1 14.1
8.0	18 16 47.14	0 1.97	24 29 50.0	14 44.2	9.914063	12036	1 10.9
9.0	18 16 49.11	0 45.02	24 15 5.8	15 46.8	9.902027	11841	1 6.9
10.0	18 16 4.09	1 34.08	23 59 19.0	16 46.3	9.890186	11446	1 2.2
11.0	18 14 30.01	2 23.97	23 42 32.7	17 42.0	9.878740	10818	0 56.7
12.0	18 12 6.04	3 13.05	−23 24 50.7	18 33.0	9.867922	9933	0 50.4
13.0	18 8 52.99	3 59.32	23 6 17.7	19 17.3	9.857989	8773	0 43.2
14.0	18 4 53.67	4 40.48	22 47 0.4	19 52.0	9.849216	7344	0 35.3
15.0	18 0 13.19	5 14.20	22 27 8.4	20 12.8	9.841872	5672	0 26.7
16.0	17 54 58.99	5 38.42	22 6 55.6	20 14.9	9.836200	3801	0 17.6
17.0	17 49 20.57	5 51.57	21 46 40.7	19 53.6	9.832399	1800	{ 0 8.1 23 58.3
18.0	17 43 29.00	5 52.87	−21 26 47.1	19 5.1	9.830599	247	23 48.6
19.0	17 37 36.13	5 42.48	21 7 42.0	17 47.2	9.830846	2252	23 39.0
20.0	17 31 53.65	5 21.42	20 49 54.8	16 1.4	9.833098	4136	23 29.8
21.0	17 26 32.23	4 51.36	20 33 53.4	13 50.6	9.837234	5831	23 21.0
22.0	17 21 40.87	4 14.45	20 20 2.8	11 20.9	9.843065	7291	23 12.8
23.0	17 17 26.42	3 32.89	20 8 41.9	8 39.1	9.850356	8494	23 5.4
24.0	17 13 53.53	2 48.78	−20 0 2.8	5 52.6	9.858850	9436	22 58.6
25.0	17 11 4.75	2 3.91	19 54 10.2	3 7.9	9.868286	10133	22 52.6
26.0	17 9 0.84	1 19.70	19 51 2.3	0 30.8	9.878419	10606	22 47.3
27.0	17 7 41.14	0 37.18	19 50 31.5	1 54.5	9.889025	10886	22 42.7
28.0	17 7 3.96	0 2.97	19 52 26.0	4 5.4	9.899911	11004	22 38.8
29.0	17 7 6.93	0 40.34	19 56 31.4	5 59.8	9.910915	10991	22 35.5
30.0	17 7 47.27	1 14.75	−20 2 31.2	7 37.6	9.921906	10872	22 32.8
31.0	17 9 2.02	1 46.20	20 10 8.8	8 58.5	9.932778	10674	22 30.6
32.0	17 10 48.22		20 19 7.3		9.943452		22 28.9

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Jan. 0.0	21 36 9.17	2 11.90	−14 24 35.7	20 48.6	9.646557	6704	2 58.6
1.0	21 38 21.07	2 5.79	14 3 47.1	20 42.9	9.639853	6749	2 56.8
2.0	21 40 26.86	1 59.55	13 43 4.2	20 36.0	9.633104	6791	2 55.0
3.0	21 42 26.41	1 53.10	13 22 28.2	20 27.2	9.626313	6830	2 53.0
4.0	21 44 19.51	1 46.47	13 2 1.0	20 16.8	9.619483	6864	2 50.9
5.0	21 46 5.98	1 39.65	12 41 44.2	20 4.8	9.612619	6895	2 48.8
6.0	21 47 45.63	1 32.65	−12 21 39.4	19 51.1	9.605724	6921	2 46.5
7.0	21 49 18.28	1 25.44	12 1 48.3	19 35.6	9.598803	6940	2 44.1
8.0	21 50 43.72	1 18.03	11 42 12.7	19 18.2	9.591863	6955	2 41.5
9.0	21 52 1.75	1 10.42	11 22 54.5	18 58.8	9.584908	6962	2 38.9
10.0	21 53 12.17	1 2.59	11 3 55.7	18 37.5	9.577946	6962	2 36.1
11.0	21 54 14.76	0 54.54	10 45 18.2	18 14.2	9.570984	6954	2 33.2
12.0	21 55 9.30	0 46.30	−10 27 4.0	17 48.8	9.564030	6938	2 30.2
13.0	21 55 55.60	0 37.83	10 9 15.2	17 21.0	9.557092	6911	2 27.0
14.0	21 56 33.43	0 29.16	9 51 54.2	16 51.1	9.550181	6873	2 23.7
15.0	21 57 2.59	0 20.30	9 35 3.1	16 18.7	9.543308	6824	2 20.2
16.0	21 57 22.89	0 11.24	9 18 44.4	15 44.1	9.536484	6761	2 16.6
17.0	21 57 34.13	0 2.01	9 3 0.3	15 7.1	9.529723	6684	2 12.8
18.0	21 57 36.14	0 7.36	− 8 47 53.2	14 27.7	9.523039	6591	2 8.9
19.0	21 57 28.78	0 16.86	8 33 25.5	13 45.9	9.516448	6482	2 4.8
20.0	21 57 11.92	0 26.44	8 19 39.6	13 1.7	9.509966	6355	2 0.6
21.0	21 56 45.48	0 36.05	8 6 37.9	12 15.3	9.503611	6209	1 56.2
22.0	21 56 9.43	0 45.68	7 54 22.6	11 26.6	9.497402	6043	1 51.7
23.0	21 55 23.75	0 55.25	7 42 56.0	10 35.7	9.491359	5856	1 47.0
24.0	21 54 28.50	1 4.73	− 7 32 20.3	9 42.9	9.485503	5647	1 42.1
25.0	21 53 23.77	1 14.05	7 22 37.4	8 48.1	9.479856	5417	1 37.1
26.0	21 52 9.72	1 23.15	7 13 49.3	7 51.7	9.474439	5162	1 32.0
27.0	21 50 46.57	1 31.95	7 5 57.6	6 53.8	9.469277	4887	1 26.6
28.0	21 49 14.62	1 40.39	6 59 3.8	5 54.7	9.464390	4587	1 21.2
29.0	21 47 34.23	1 48.39	6 53 9.1	4 54.7	9.459803	4266	1 15.6
30.0	21 45 45.84	1 55.90	− 6 48 14.4	3 53.9	9.455537	3923	1 9.8
31.0	21 43 49.94	2 2.82	6 44 20.5	2 52.7	9.451614	3557	1 4.0
Febr. 1.0	21 41 47.12	2 9.09	6 41 27.8	1 51.6	9.448057	3173	0 58.0
2.0	21 39 38.03	2 14.64	6 39 36.2	0 50.8	9.444884	2770	0 51.9
3.0	21 37 23.39	2 19.40	6 38 45.4	0 9.1	9.442114	2350	0 45.8
4.0	21 35 3.99	2 23.32	6 38 54.5	1 7.8	9.439764	1916	0 39.5
5.0	21 32 40.67	2 26.37	− 6 40 2.3	2 4.9	9.437848	1469	0 33.2
6.0	21 30 14.30	2 28.47	6 42 7.2	3 0.1	9.436379	1014	0 26.9
7.0	21 27 45.83	2 29.63	6 45 7.3	3 53.2	9.435365	553	0 20.5
8.0	21 25 16.20	2 29.82	6 49 0.5	4 43.4	9.434812	87	0 14.1
9.0	21 22 46.38	2 29.04	6 53 43.9	5 30.4	9.434725	379	0 7.7
10.0	21 20 17.34		6 59 14.3		9.435104		{0 1.3 / 23 54.9

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Febr. 10.0	21 20 17.34	2 27.31	− 6 59 14.3	6 14.3	9.435104	842	{ 0 1.3 23 54.9
11.0	21 17 50.03	2 24.65	7 5 28.6	6 54.9	9.435946	1303	23 48.6
12.0	21 15 25.38	2 21.08	7 12 23.5	7 31.7	9.437249	1753	23 42.3
13.0	21 13 4.30	2 16.62	7 19 55.2	8 4.6	9.439002	2196	23 36.1
14.0	21 10 47.68	2 11.34	7 27 59.8	8 33.6	9.441198	2624	23 30.0
15.0	21 8 36.34	2 5.29	7 36 33.4	8 58.4	9.443822	3038	23 24.0
16.0	21 6 31.05	1 58.52	− 7 45 31.8	9 19.1	9.446860	3436	23 18.1
17.0	21 4 32.53	1 51.10	7 54 50.9	9 35.9	9.450296	3815	23 12.3
18.0	21 2 41.43	1 43.10	8 4 26.8	9 48.5	9.454111	4175	23 6.7
19.0	21 0 58.33	1 34.59	8 14 15.3	9 57.2	9.458286	4514	23 1.2
20.0	20 59 23.74	1 25.65	8 24 12.5	10 2.0	9.462800	4830	22 55.8
21.0	20 57 58.09	1 16.35	8 34 14.5	10 3.3	9.467630	5124	22 50.6
22.0	20 56 41.74	1 6.74	− 8 44 17.8	10 1.0	9.472754	5397	22 45.6
23.0	20 55 35.00	0 56.91	8 54 18.8	9 55.4	9.478151	5645	22 40.7
24.0	20 54 38.09	0 46.94	9 4 14.2	9 46.8	9.483796	5873	22 36.0
25.0	20 53 51.15	0 36.89	9 14 1.0	9 35.3	9.489669	6077	22 31.4
26.0	20 53 14.26	0 26.80	9 23 36.3	9 21.2	9.495746	6261	22 27.0
27.0	20 52 47.46	0 16.72	9 32 57.5	9 4.7	9.502007	6424	22 22.8
28.0	20 52 30.74	0 6.71	− 9 42 2.2	8 45.9	9.508431	6568	22 18.8
März 1.0	20 52 24.03	0 3.19	9 50 48.1	8 25.3	9.514999	6693	22 14.9
2.0	20 52 27.22	0 12.95	9 59 13.4	8 2.7	9.521692	6800	22 11.2
3.0	20 52 40.17	0 22.53	10 7 16.1	7 38.6	9.528492	6891	22 7.6
4.0	20 53 2.70	0 31.91	10 14 54.7	7 12.9	9.535383	6966	22 4.2
5.0	20 53 34.61	0 41.07	10 22 7.6	6 46.1	9.542349	7027	22 0.9
6.0	20 54 15.68	0 49.98	−10 28 53.7	6 18.0	9.549376	7074	21 57.8
7.0	20 55 5.66	0 58.63	10 35 11.7	5 49.0	9.556450	7109	21 54.8
8.0	20 56 4.29	1 7.01	10 41 0.7	5 19.1	9.563559	7133	21 52.0
9.0	20 57 11.30	1 15.11	10 46 19.8	4 48.4	9.570692	7147	21 49.3
10.0	20 58 26.41	1 22.93	10 51 8.2	4 17.2	9.577839	7152	21 46.7
11.0	20 59 49.34	1 30.45	10 55 25.4	3 45.4	9.584991	7148	21 44.3
12.0	21 1 19.79	1 37.69	−10 59 10.8	3 13.1	9.592139	7137	21 42.0
13.0	21 2 57.48	1 44.65	11 2 23.9	2 40.5	9.599276	7119	21 39.8
14.0	21 4 42.13	1 51.34	11 5 4.4	2 7.5	9.606395	7097	21 37.7
15.0	21 6 33.47	1 57.75	11 7 11.9	1 34.1	9.613492	7068	21 35.7
16.0	21 8 31.22	2 3.91	11 8 46.0	1 0.6	9.620560	7035	21 33.8
17.0	21 10 35.13	2 9.81	11 9 46.6	0 26.8	9.627595	6999	21 32.0
18.0	21 12 44.94	2 15.46	−11 10 13.4	0 7.1	9.634594	6958	21 30.3
19.0	21 15 0.40	2 20.88	11 10 6.3	0 41.3	9.641552	6915	21 28.7
20.0	21 17 21.28	2 26.07	11 9 25.0	1 15.6	9.648467	6868	21 27.2
21.0	21 19 47.35	2 31.04	11 8 9.4	1 50.0	9.655335	6819	21 25.8
22.0	21 22 18.39	2 35.80	11 6 19.4	2 24.3	9.662154	6767	21 24.4
23.0	21 24 54.19		11 3 55.1		9.668921		21 23.1

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
März 23.0	21 24 54.19	2 40.33	−11 3 55.1	2 58.7	9.668921	6713	21 23.1
24.0	21 27 34.52	2 44.66	11 0 56.4	3 32.9	9.675634	6658	21 21.9
25.0	21 30 19.18	2 48.80	10 57 23.5	4 7.2	9.682292	6601	21 20.8
26.0	21 33 7.98	2 52.74	10 53 16.3	4 41.2	9.688893	6542	21 19.7
27.0	21 36 0.72	2 56.51	10 48 35.1	5 15.2	9.695435	6482	21 18.7
28.0	21 38 57.23	3 0.10	10 43 19.9	5 48.8	9.701917	6422	21 17.7
29.0	21 41 57.33	3 3.50	−10 37 31.1	6 22.4	9.708339	6361	21 16.9
30.0	21 45 0.83	3 6.74	10 31 8.7	6 55.6	9.714700	6298	21 16.0
31.0	21 48 7.57	3 9.83	10 24 13.1	7 28.5	9.720998	6236	21 15.2
April 1.0	21 51 17.40	3 12.76	10 16 44.6	8 1.1	9.727234	6172	21 14.5
2.0	21 54 30.16	3 15.54	10 8 43.5	8 33.3	9.733406	6109	21 13.8
3.0	21 57 45.70	3 18.17	10 0 10.2	9 5.1	9.739515	6044	21 13.2
4.0	22 1 3.87	3 20.68	− 9 51 5.1	9 36.6	9.745559	5981	21 12.6
5.0	22 4 24.55	3 23.04	9 41 28.5	10 7.5	9.751540	5918	21 12.0
6.0	22 7 47.59	3 25.27	9 31 21.0	10 38.0	9.757458	5853	21 11.5
7.0	22 11 12.86	3 27.38	9 20 43.0	11 7.9	9.763311	5790	21 11.0
8.0	22 14 40.24	3 29.37	9 9 35.1	11 37.4	9.769101	5727	21 10.5
9.0	22 18 9.61	3 31.25	8 57 57.7	12 6.4	9.774828	5664	21 10.1
10.0	22 21 40.86	3 33.03	− 8 45 51.3	12 34.8	9.780492	5602	21 9.7
11.0	22 25 13.89	3 34.70	8 33 16.5	13 2.7	9.786094	5541	21 9.4
12.0	22 28 48.59	3 36.28	8 20 13.8	13 30.1	9.791635	5481	21 9.0
13.0	22 32 24.87	3 37.78	8 6 43.7	13 56.9	9.797116	5420	21 8.7
14.0	22 36 2.65	3 39.19	7 52 46.8	14 23.2	9.802536	5362	21 8.4
15.0	22 39 41.84	3 40.54	7 38 23.6	14 49.0	9.807898	5304	21 8.1
16.0	22 43 22.38	3 41.82	− 7 23 34.6	15 14.2	9.813202	5246	21 7.9
17.0	22 47 4.20	3 43.05	7 8 20.4	15 39.0	9.818448	5190	21 7.7
18.0	22 50 47.25	3 44.20	6 52 41.4	16 3.1	9.823638	5133	21 7.4
19.0	22 54 31.45	3 45.30	6 36 38.3	16 26.8	9.828771	5079	21 7.3
20.0	22 58 16.75	3 46.37	6 20 11.5	16 49.9	9.833850	5024	21 7.1
21.0	23 2 3.12	3 47.38	6 3 21.6	17 12.3	9.838874	4970	21 6.9
22.0	23 5 50.50	3 48.34	− 5 46 9.3	17 34.3	9.843844	4916	21 6.8
23.0	23 9 38.84	3 49.27	5 28 35.0	17 55.5	9.848760	4864	21 6.7
24.0	23 13 28.11	3 50.17	5 10 39.5	18 16.3	9.853624	4811	21 6.6
25.0	23 17 18.28	3 51.02	4 52 23.2	18 36.4	9.858435	4760	21 6.5
26.0	23 21 9.30	3 51.85	4 33 46.8	18 55.8	9.863195	4709	21 6.4
27.0	23 25 1.15	3 52.66	4 14 51.0	19 14.7	9.867904	4658	21 6.3
28.0	23 28 53.81	3 53.44	− 3 55 36.3	19 32.9	9.872562	4608	21 6.3
29.0	23 32 47.25	3 54.19	3 36 3.4	19 50.5	9.877170	4558	21 6.2
30.0	23 36 41.44	3 54.91	3 16 12.9	20 7.4	9.881728	4509	21 6.2
Mai 1.0	23 40 36.35	3 55.63	2 56 5.5	20 23.6	9.886237	4460	21 6.2
2.0	23 44 31.98	3 56.32	2 35 41.9	20 39.2	9.890697	4412	21 6.2
3.0	23 48 28.30		2 15 2.7		9.895109		21 6.2

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Mai 3.0	23 48 28.30	3 56.99	− 2 15 2.7	20 54.1	9.895109	4364	21 6.2
4.0	23 52 25.29	3 57.65	1 54 8.6	21 8.2	9.899473	4316	21 6.2
5.0	23 56 22.94	3 58.29	1 33 0.4	21 21.7	9.903789	4270	21 6.2
6.0	0 0 21.23	3 58.92	1 11 38.7	21 34.5	9.908059	4224	21 6.3
7.0	0 4 20.15	3 59.53	0 50 4.2	21 46.5	9.912283	4177	21 6.3
8.0	0 8 19.68	4 0.15	0 28 17.7	21 57.9	9.916460	4133	21 6.4
9.0	0 12 19.83	4 0.74	− 0 6 19.8	22 8.5	9.920593	4088	21 6.4
10.0	0 16 20.57	4 1.34	+ 0 15 48.7	22 18.5	9.924681	4044	21 6.5
11.0	0 20 21.91	4 1.93	0 38 7.2	22 27.7	9.928725	4002	21 6.6
12.0	0 24 23.84	4 2.53	1 0 34.9	22 36.4	9.932727	3958	21 6.7
13.0	0 28 26.37	4 3.12	1 23 11.3	22 44.3	9.936685	3917	21 6.8
14.0	0 32 29.49	4 3.72	1 45 55.6	22 51.6	9.940602	3876	21 6.9
15.0	0 36 33.21	4 4.34	+ 2 8 47.2	22 58.3	9.944478	3836	21 7.1
16.0	0 40 37.55	4 4.95	2 31 45.5	23 4.2	9.948314	3795	21 7.2
17.0	0 44 42.50	4 5.59	2 54 49.7	23 9.4	9.952109	3757	21 7.4
18.0	0 48 48.09	4 6.24	3 17 59.1	23 14.1	9.955866	3717	21 7.5
19.0	0 52 54.33	4 6.90	3 41 13.2	23 18.1	9.959583	3679	21 7.7
20.0	0 57 1.23	4 7.57	4 4 31.3	23 21.3	9.963262	3642	21 7.9
21.0	1 1 8.80	4 8.26	+ 4 27 52.6	23 24.0	9.966904	3604	21 8.1
22.0	1 5 17.06	4 8.97	4 51 16.6	23 26.0	9.970508	3567	21 8.3
23.0	1 9 26.03	4 9.69	5 14 42.6	23 27.3	9.974075	3531	21 8.5
24.0	1 13 35.72	4 10.43	5 38 9.9	23 27.9	9.977606	3495	21 8.7
25.0	1 17 46.15	4 11.19	6 1 37.8	23 27.8	9.981101	3459	21 9.0
26.0	1 21 57.34	4 11.98	6 25 5.6	23 27.0	9.984560	3423	21 9.2
27.0	1 26 9.32	4 12.78	+ 6 48 32.6	23 25.5	9.987983	3388	21 9.5
28.0	1 30 22.10	4 13.60	7 11 58.1	23 23.4	9.991371	3354	21 9.8
29.0	1 34 35.70	4 14.44	7 35 21.5	23 20.5	9.994725	3318	21 10.1
30.0	1 38 50.14	4 15.29	7 58 42.0	23 17.0	9.998043	3285	21 10.4
31.0	1 43 5.43	4 16.16	8 21 59.0	23 12.7	0.001328	3250	21 10.7
Juni 1.0	1 47 21.59	4 17.05	8 45 11.7	23 7.7	0.004578	3216	21 11.0
2.0	1 51 38.64	4 17.94	+ 9 8 19.4	23 2.0	0.007794	3183	21 11.4
3.0	1 55 56.58	4 18.87	9 31 21.4	22 55.5	0.010977	3149	21 11.8
4.0	2 0 15.45	4 19.80	9 54 16.9	22 48.4	0.014126	3116	21 12.1
5.0	2 4 35.25	4 20.75	10 17 5.3	22 40.5	0.017242	3084	21 12.5
6.0	2 8 56.00	4 21.71	10 39 45.8	22 31.8	0.020326	3051	21 13.0
7.0	2 13 17.71	4 22.68	11 2 17.6	22 22.5	0.023377	3019	21 13.4
8.0	2 17 40.39	4 23.66	+11 24 40.1	22 12.4	0.026396	2987	21 13.8
9.0	2 22 4.05	4 24.67	11 46 52.5	22 1.6	0.029383	2956	21 14.3
10.0	2 26 28.72	4 25.67	12 8 54.1	21 50.2	0.032339	2926	21 14.8
11.0	2 30 54.39	4 26.71	12 30 44.3	21 38.0	0.035265	2895	21 15.3
12.0	2 35 21.10	4 27.76	12 52 22.3	21 25.2	0.038160	2865	21 15.8
13.0	2 39 48.86		13 13 47.5		0.041025		21 16.3

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Juni 13.0	2 39 48.86	4 28.81	+13 13 47.5	21 11.5	0.041025	2836	21 16.3
14.0	2 44 17.67	4 29.89	13 34 59.0	20 57.3	0.043861	2806	21 16.9
15.0	2 48 47.56	4 30.98	13 55 56.3	20 42.3	0.046667	2778	21 17.5
16.0	2 53 18.54	4 32.08	14 16 38.6	20 26.7	0.049445	2749	21 18.1
17.0	2 57 50.62	4 33.20	14 37 5.3	20 10.3	0.052194	2721	21 18.7
18.0	3 2 23.82	4 34.32	14 57 15.6	19 53.2	0.054915	2693	21 19.3
19.0	3 6 58.14	4 35.47	+15 17 8.8	19 35.5	0.057608	2665	21 19.9
20.0	3 11 33.61	4 36.61	15 36 44.3	19 17.0	0.060273	2638	21 20.6
21.0	3 16 10.22	4 37.78	15 56 1.3	18 57.9	0.062911	2611	21 21.3
22.0	3 20 48.00	4 38.95	16 14 59.2	18 38.1	0.065522	2584	21 22.0
23.0	3 25 26.95	4 40.13	16 33 37.3	18 17.6	0.068106	2558	21 22.7
24.0	3 30 7.08	4 41.32	16 51 54.9	17 56.3	0.070664	2531	21 23.5
25.0	3 34 48.40	4 42.51	+17 9 51.2	17 34.4	0.073195	2505	21 24.2
26.0	3 39 30.91	4 43.70	17 27 25.6	17 11.8	0.075700	2479	21 25.0
27.0	3 44 14.61	4 44.89	17 44 37.4	16 48.6	0.078179	2452	21 25.8
28.0	3 48 59.50	4 46.08	18 1 26.0	16 24.6	0.080631	2427	21 26.7
29.0	3 53 45.58	4 47.26	18 17 50.6	15 59.9	0.083058	2401	21 27.5
30.0	3 58 32.84	4 48.43	18 33 50.5	15 34.6	0.085459	2375	21 28.4
Juli 1.0	4 3 21.27	4 49.61	+18 49 25.1	15 8.7	0.087834	2350	21 29.2
2.0	4 8 10.88	4 50.76	19 4 33.8	14 42.0	0.090184	2324	21 30.1
3.0	4 13 1.64	4 51.90	19 19 15.8	14 14.7	0.092508	2298	21 31.1
4.0	4 17 53.54	4 53.03	19 33 30.5	13 46.7	0.094806	2274	21 32.0
5.0	4 22 46.57	4 54.13	19 47 17.2	13 18.3	0.097080	2248	21 33.0
6.0	4 27 40.70	4 55.20	20 0 35.5	12 49.2	0.099328	2224	21 33.9
7.0	4 32 35.90	4 56.27	+20 13 24.7	12 19.4	0.101552	2200	21 34.9
8.0	4 37 32.17	4 57.30	20 25 44.1	11 49.1	0.103752	2174	21 35.9
9.0	4 42 29.47	4 58.31	20 37 33.2	11 18.2	0.105926	2151	21 37.0
10.0	4 47 27.78	4 59.30	20 48 51.4	10 46.9	0.108077	2128	21 38.0
11.0	4 52 27.08	5 0.25	20 59 38.3	10 14.8	0.110205	2103	21 39.1
12.0	4 57 27.33	5 1.18	21 9 53.1	9 42.5	0.112308	2081	21 40.2
13.0	5 2 28.51	5 2.08	+21 19 35.6	9 9.5	0.114389	2057	21 41.2
14.0	5 7 30.59	5 2.94	21 28 45.1	8 36.1	0.116446	2035	21 42.3
15.0	5 12 33.53	5 3.77	21 37 21.2	8 2.2	0.118481	2012	21 43.5
16.0	5 17 37.30	5 4.58	21 45 23.4	7 27.9	0.120493	1990	21 44.6
17.0	5 22 41.88	5 5.34	21 52 51.3	6 53.1	0.122483	1968	21 45.7
18.0	5 27 47.22	5 6.08	21 59 44.4	6 17.8	0.124451	1946	21 46.9
19.0	5 32 53.30	5 6.75	+22 6 2.2	5 42.3	0.126397	1925	21 48.1
20.0	5 38 0.05	5 7.41	22 11 44.5	5 6.4	0.128322	1902	21 49.3
21.0	5 43 7.46	5 8.02	22 16 50.9	4 30.2	0.130224	1882	21 50.4
22.0	5 48 15.48	5 8.60	22 21 21.1	3 53.5	0.132106	1860	21 51.6
23.0	5 53 24.08	5 9.12	22 25 14.6	3 16.6	0.133966	1840	21 52.8
24.0	5 58 33.20		22 28 31.2		0.135806		21 54.1

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Juli 24.0	5 58 33.20	5 9.60	+22 28 31.2	2 39.5	0.135806	1818	21 54.1
25.0	6 3 42.80	5 10.04	22 31 10.7	2 2.0	0.137624	1797	21 55.3
26.0	6 8 52.84	5 10.44	22 33 12.7	1 24.4	0.139421	1777	21 56.5
27.0	6 14 3.28	5 10.78	22 34 37.1	0 46.5	0.141198	1756	21 57.8
28.0	6 19 14.06	5 11.08	22 35 23.6	0 8.5	0.142954	1735	21 59.0
29.0	6 24 25.14	5 11.33	22 35 32.1	0 29.7	0.144689	1714	22 0.3
30.0	6 29 36.47	5 11.52	+22 35 2.4	1 8.0	0.146403	1693	22 1.5
31.0	6 34 47.99	5 11.67	22 33 54.4	1 46.3	0.148096	1673	22 2.8
Aug. 1.0	6 39 59.66	5 11.75	22 32 8.1	2 24.7	0.149769	1652	22 4.0
2.0	6 45 11.41	5 11.79	22 29 43.4	3 3.2	0.151421	1632	22 5.3
3.0	6 50 23.20	5 11.77	22 26 40.2	3 41.6	0.153053	1612	22 6.5
4.0	6 55 34.97	5 11.70	22 22 58.6	4 20.1	0.154665	1591	22 7.8
5.0	7 0 46.67	5 11.58	+22 18 38.5	4 58.3	0.156256	1571	22 9.0
6.0	7 5 58.25	5 11.41	22 13 40.2	5 36.6	0.157827	1551	22 10.3
7.0	7 11 9.66	5 11.18	22 8 3.6	6 14.8	0.159378	1532	22 11.5
8.0	7 16 20.84	5 10.92	22 1 48.8	6 52.7	0.160910	1511	22 12.8
9.0	7 21 31.76	5 10.61	21 54 56.1	7 30.6	0.162421	1493	22 14.0
10.0	7 26 42.37	5 10.25	21 47 25.5	8 8.2	0.163914	1473	22 15.2
11.0	7 31 52.62	5 9.84	+21 39 17.3	8 45.6	0.165387	1455	22 16.5
12.0	7 37 2.46	5 9.39	21 30 31.7	9 22.8	0.166842	1435	22 17.7
13.0	7 42 11.85	5 8.91	21 21 8.9	9 59.7	0.168277	1417	22 18.9
14.0	7 47 20.76	5 8.38	21 11 9.2	10 36.3	0.169694	1398	22 20.1
15.0	7 52 29.14	5 7.82	21 0 32.9	11 12.7	0.171092	1380	22 21.3
16.0	7 57 36.96	5 7.22	20 49 20.2	11 48.6	0.172472	1362	22 22.4
17.0	8 2 44.18	5 6.60	+20 37 31.6	12 24.3	0.173834	1344	22 23.6
18.0	8 7 50.78	5 5.94	20 25 7.3	12 59.6	0.175178	1326	22 24.8
19.0	8 12 56.72	5 5.26	20 12 7.7	13 34.4	0.176504	1308	22 25.9
20.0	8 18 1.98	5 4.55	19 58 33.3	14 9.0	0.177812	1291	22 27.1
21.0	8 23 6.53	5 3.81	19 44 24.3	14 43.0	0.179103	1273	22 28.2
22.0	8 28 10.34	5 3.06	19 29 41.3	15 16.7	0.180376	1256	22 29.3
23.0	8 33 13.40	5 2.29	+19 14 24.6	15 49.8	0.181632	1239	22 30.4
24.0	8 38 15.69	5 1.50	18 58 34.8	16 22.5	0.182871	1221	22 31.5
25.0	8 43 17.19	5 0.69	18 42 12.3	16 54.8	0.184092	1204	22 32.5
26.0	8 48 17.88	4 59.87	18 25 17.5	17 26.4	0.185296	1187	22 33.6
27.0	8 53 17.75	4 59.03	18 7 51.1	17 57.6	0.186483	1170	22 34.6
28.0	8 58 16.78	4 58.18	17 49 53.5	18 28.1	0.187653	1152	22 35.7
29.0	9 3 14.96	4 57.33	+17 31 25.4	18 58.2	0.188805	1135	22 36.7
30.0	9 8 12.29	4 56.46	17 12 27.2	19 27.5	0.189940	1118	22 37.7
31.0	9 13 8.75	4 55.58	16 52 59.7	19 56.4	0.191058	1101	22 38.7
Sept. 1.0	9 18 4.33	4 54.71	16 33 3.3	20 24.6	0.192159	1083	22 39.6
2.0	9 22 59.04	4 53.81	16 12 38.7	20 52.2	0.193242	1067	22 40.6
3.0	9 27 52.85		15 51 46.5		0.194309		22 41.5

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Sept. 3.0	9 27 52.85	4 52.93	+15 51 46.5	21 19.2	0.194309	1050	22 41.5
4.0	9 32 45.78	4 52.04	15 30 27.3	21 45.5	0.195359	1033	22 42.5
5.0	9 37 37.82	4 51.17	15 8 41.8	22 11.1	0.196392	1017	22 43.4
6.0	9 42 28.99	4 50.29	14 46 30.7	22 36.2	0.197409	1000	22 44.3
7.0	9 47 19.28	4 49.42	14 23 54.5	23 0.5	0.198409	983	22 45.2
8.0	9 52 8.70	4 48.55	14 0 54.0	23 24.2	0.199392	968	22 46.0
9.0	9 56 57.25	4 47.71	+13 37 29.8	23 47.2	0.200360	951	22 46.9
10.0	10 1 44.96	4 46.87	13 13 42.6	24 9.5	0.201311	935	22 47.7
11.0	10 6 31.83	4 46.05	12 49 33.1	24 31.2	0.202246	920	22 48.5
12.0	10 11 17.88	4 45.25	12 25 1.9	24 52.2	0.203166	904	22 49.4
13.0	10 16 3.13	4 44.47	12 0 9.7	25 12.6	0.204070	888	22 50.1
14.0	10 20 47.60	4 43.69	11 34 57.1	25 32.1	0.204958	874	22 50.9
15.0	10 25 31.29	4 42.95	+11 9 25.0	25 51.1	0.205832	858	22 51.7
16.0	10 30 14.24	4 42.24	10 43 33.9	26 9.3	0.206690	843	22 52.5
17.0	10 34 56.48	4 41.54	10 17 24.6	26 27.0	0.207533	828	22 53.2
18.0	10 39 38.02	4 40.87	9 50 57.6	26 43.8	0.208361	814	22 54.0
19.0	10 44 18.89	4 40.24	9 24 13.8	27 0.0	0.209175	799	22 54.7
20.0	10 48 59.13	4 39.63	8 57 13.8	27 15.6	0.209974	784	22 55.4
21.0	10 53 38.76	4 39.06	+ 8 29 58.2	27 30.3	0.210758	770	22 56.1
22.0	10 58 17.82	4 38.51	8 2 27.9	27 44.4	0.211528	756	22 56.8
23.0	11 2 56.33	4 38.01	7 34 43.5	27 57.9	0.212284	741	22 57.5
24.0	11 7 34.34	4 37.53	7 6 45.6	28 10.5	0.213025	726	22 58.2
25.0	11 12 11.87	4 37.08	6 38 35.1	28 22.5	0.213751	712	22 58.9
26.0	11 16 48.95	4 36.67	6 10 12.6	28 33.8	0.214463	698	22 59.5
27.0	11 21 25.62	4 36.30	+ 5 41 38.8	28 44.3	0.215161	683	23 0.2
28.0	11 26 1.92	4 35.95	5 12 54.5	28 54.1	0.215844	669	23 0.9
29.0	11 30 37.87	4 35.64	4 44 0.4	29 3.1	0.216513	655	23 1.5
30.0	11 35 13.51	4 35.37	4 14 57.3	29 11.5	0.217168	640	23 2.2
Okt. 1.0	11 39 48.88	4 35.13	3 45 45.8	29 19.1	0.217808	626	23 2.8
2.0	11 44 24.01	4 34.92	3 16 26.7	29 25.9	0.218434	611	23 3.4
3.0	11 48 58.93	4 34.75	+ 2 47 0.8	29 32.0	0.219045	598	23 4.1
4.0	11 53 33.68	4 34.62	2 17 28.8	29 37.3	0.219643	583	23 4.7
5.0	11 58 8.30	4 34.53	1 47 51.5	29 42.0	0.220226	570	23 5.3
6.0	12 2 42.83	4 34.47	1 18 9.5	29 45.8	0.220796	556	23 6.0
7.0	12 7 17.30	4 34.45	0 48 23.7	29 48.9	0.221352	542	23 6.6
8.0	12 11 51.75	4 34.46	+ 0 18 34.8	29 51.3	0.221894	528	23 7.2
9.0	12 16 26.21	4 34.53	− 0 11 16.5	29 52.9	0.222422	515	23 7.9
10.0	12 21 0.74	4 34.62	0 41 9.4	29 53.8	0.222937	502	23 8.5
11.0	12 25 35.36	4 34.76	1 11 3.2	29 54.0	0.223439	488	23 9.2
12.0	12 30 10.12	4 34.93	1 40 57.2	29 53.4	0.223927	476	23 9.8
13.0	12 34 45.05	4 35.15	2 10 50.6	29 52.1	0.224403	462	23 10.4
14.0	12 39 20.20		2 40 42.7		0.224865		23 11.1

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Okt. 14.0	12 39 20.20	4 35.41	— 2 40 42.7	29 50.0	0.224865	450	23 11.1
15.0	12 43 55.61	4 35.70	3 10 32.7	29 47.2	0.225315	437	23 11.7
16.0	12 48 31.31	4 36.04	3 40 19.9	29 43.6	0.225752	424	23 12.4
17.0	12 53 7.35	4 36.42	4 10 3.5	29 39.3	0.226176	412	23 13.1
18.0	12 57 43.77	4 36.85	4 39 42.8	29 34.3	0.226588	400	23 13.7
19.0	13 2 20.62	4 37.32	5 9 17.1	29 28.4	0.226988	388	23 14.4
20.0	13 6 57.94	4 37.82	— 5 38 45.5	29 21.9	0.227376	376	23 15.1
21.0	13 11 35.76	4 38.37	6 8 7.4	29 14.6	0.227752	363	23 15.8
22.0	13 16 14.13	4 38.97	6 37 22.0	29 6.6	0.228115	352	23 16.5
23.0	13 20 53.10	4 39.59	7 6 28.6	28 57.7	0.228467	339	23 17.2
24.0	13 25 32.69	4 40.26	7 35 26.3	28 48.0	0.228806	328	23 17.9
25.0	13 30 12.95	4 40.97	8 4 14.3	28 37.7	0.229134	315	23 18.7
26.0	13 34 53.92	4 41.72	— 8 32 52.0	28 26.4	0.229449	303	23 19.4
27.0	13 39 35.64	4 42.49	9 1 18.4	28 14.5	0.229752	291	23 20.2
28.0	13 44 18.13	4 43.30	9 29 32.9	28 1.7	0.230043	279	23 21.0
29.0	13 49 1.43	4 44.15	9 57 34.6	27 48.1	0.230322	267	23 21.8
30.0	13 53 45.58	4 45.03	10 25 22.7	27 33.6	0.230589	256	23 22.6
31.0	13 58 30.61	4 45.94	10 52 56.3	27 18.5	0.230845	243	23 23.4
Nov. 1.0	14 3 16.55	4 46.87	—11 20 14.8	27 2.4	0.231088	231	23 24.2
2.0	14 8 3.42	4 47.84	11 47 17.2	26 45.6	0.231319	219	23 25.1
3.0	14 12 51.26	4 48.83	12 14 2.8	26 28.0	0.231538	207	23 26.0
4.0	14 17 40.09	4 49.85	12 40 30.8	26 9.6	0.231745	195	23 26.9
5.0	14 22 29.94	4 50.89	13 6 40.4	25 50.3	0.231940	184	23 27.8
6.0	14 27 20.83	4 51.96	13 32 30.7	25 30.3	0.232124	172	23 28.7
7.0	14 32 12.79	4 53.05	—13 58 1.0	25 9.3	0.232296	161	23 29.6
8.0	14 37 5.84	4 54.15	14 23 10.3	24 47.7	0.232457	149	23 30.6
9.0	14 41 59.99	4 55.28	14 47 58.0	24 25.2	0.232606	138	23 31.6
10.0	14 46 55.27	4 56.42	15 12 23.2	24 1.9	0.232744	127	23 32.6
11.0	14 51 51.69	4 57.58	15 36 25.1	23 37.9	0.232871	115	23 33.6
12.0	14 56 49.27	4 58.76	16 0 3.0	23 12.9	0.232986	105	23 34.6
13.0	15 1 48.03	4 59.94	—16 23 15.9	22 47.3	0.233091	94	23 35.7
14.0	15 6 47.97	5 1.14	16 46 3.2	22 20.8	0.233185	83	23 36.8
15.0	15 11 49.11	5 2.34	17 8 24.0	21 53.5	0.233268	72	23 37.9
16.0	15 16 51.45	5 3.56	17 30 17.5	21 25.5	0.233340	62	23 39.0
17.0	15 21 55.01	5 4.78	17 51 43.0	20 56.7	0.233402	52	23 40.1
18.0	15 26 59.79	5 6.01	18 12 39.7	20 27.1	0.233454	41	23 41.3
19.0	15 32 5.80	5 7.24	—18 33 6.8	19 56.8	0.233495	31	23 42.5
20.0	15 37 13.04	5 8.46	18 53 3.6	19 25.7	0.233526	21	23 43.7
21.0	15 42 21.50	5 9.69	19 12 29.3	18 53.8	0.233547	10	23 44.9
22.0	15 47 31.19	5 10.91	19 31 23.1	18 21.2	0.233557	0	23 46.1
23.0	15 52 42.10	5 12.11	19 49 44.3	17 47.9	0.233557	11	23 47.4
24.0	15 57 54.21		20 7 32.2		0.233546		23 48.7

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Nov. 24.0	15 57 54.21	5 13.30	−20 7 32.2	17 13.9	0.233546	21	23 48.7
25.0	16 3 7.51	5 14.47	20 24 46.1	16 39.1	0.233525	31	23 50.0
26.0	16 8 21.98	5 15.63	20 41 25.2	16 3.7	0.233494	42	23 51.3
27.0	16 13 37.61	5 16.76	20 57 28.9	15 27.5	0.233452	53	23 52.6
28.0	16 18 54.37	5 17.86	21 12 56.4	14 50.8	0.233399	63	23 54.0
29.0	16 24 12.23	5 18.93	21 27 47.2	14 13.3	0.233336	73	23 55.3
30.0	16 29 31.16	5 19.98	−21 42 0.5	13 35.3	0.233263	84	23 56.7
Dez. 1.0	16 34 51.14	5 20.98	21 55 35.8	12 56.6	0.233179	95	23 58.1
2.0	16 40 12.12	5 21.96	22 8 32.4	12 17.3	0.233084	105	23 59.6
3.0	16 45 34.08	5 22.88	22 20 49.7	11 37.6	0.232979	116	—
4.0	16 50 56.96	5 23.77	22 32 27.3	10 57.3	0.232863	126	0 1.0
5.0	16 56 20.73	5 24.61	22 43 24.6	10 16.4	0.232737	137	0 2.5
6.0	17 1 45.34	5 25.39	−22 53 41.0	9 35.1	0.232600	147	0 3.9
7.0	17 7 10.73	5 26.13	23 3 16.1	8 53.3	0.232453	158	0 5.4
8.0	17 12 36.86	5 26.82	23 12 9.4	8 11.2	0.232295	167	0 6.9
9.0	17 18 3.68	5 27.44	23 20 20.6	7 28.6	0.232128	178	0 8.4
10.0	17 23 31.12	5 28.02	23 27 49.2	6 45.6	0.231950	188	0 9.9
11.0	17 28 59.14	5 28.53	23 34 34.8	6 2.4	0.231762	199	0 11.4
12.0	17 34 27.67	5 28.99	−23 40 37.2	5 18.8	0.231563	208	0 13.0
13.0	17 39 56.66	5 29.39	23 45 56.0	4 35.0	0.231355	218	0 14.5
14.0	17 45 26.05	5 29.73	23 50 31.0	3 51.0	0.231137	228	0 16.1
15.0	17 50 55.78	5 30.01	23 54 22.0	3 6.6	0.230909	238	0 17.6
16.0	17 56 25.79	5 30.23	23 57 28.6	2 22.2	0.230671	247	0 19.2
17.0	18 1 56.02	5 30.38	23 59 50.8	1 37.7	0.230424	257	0 20.7
18.0	18 7 26.40	5 30.47	−24 1 28.5	0 52.9	0.230167	267	0 22.3
19.0	18 12 56.87	5 30.51	24 2 21.4	0 8.2	0.229900	276	0 23.9
20.0	18 18 27.38	5 30.48	24 2 29.6	0 36.6	0.229624	286	0 25.5
21.0	18 23 57.86	5 30.37	24 1 53.0	1 21.5	0.229338	296	0 27.0
22.0	18 29 28.23	5 30.22	24 0 31.5	2 6.2	0.229042	306	0 28.6
23.0	18 34 58.45	5 29.99	23 58 25.3	2 50.8	0.228736	315	0 30.1
24.0	18 40 28.44	5 29.71	−23 55 34.5	3 35.5	0.228421	325	0 31.7
25.0	18 45 58.15	5 29.35	23 51 59.0	4 19.8	0.228096	336	0 33.3
26.0	18 51 27.50	5 28.94	23 47 39.2	5 4.2	0.227760	346	0 34.8
27.0	18 56 56.44	5 28.46	23 42 35.0	5 48.1	0.227414	355	0 36.3
28.0	19 2 24.90	5 27.93	23 36 46.9	6 32.0	0.227059	366	0 37.9
29.0	19 7 52.83	5 27.32	23 30 14.9	7 15.4	0.226693	377	0 39.4
30.0	19 13 20.15	5 26.67	−23 22 59.5	7 58.7	0.226316	387	0 40.9
31.0	19 18 46.82	5 25.96	23 15 0.8	8 41.5	0.225929	397	0 42.4
32.0	19 24 12.78		23 6 19.3		0.225532		0 43.9

Mittlere Zeit Greenwich	Scheinbare Rektaszension h m s	Diff. m s	Scheinbare Deklination ° ′ ″	Diff. ′ ″	log Δ	Diff.	Zeit der oberen Kulmination h m
Jan. 0.0	11 52 53.47	1 12.64	+3 41 35.7	6 26.6	0.058967	3604	17 13.6
1.0	11 54 6.11	1 11.19	3 35 9.1	6 16.7	0.055363	3627	17 10.8
2.0	11 55 17.30	1 9.71	3 28 52.4	6 6.6	0.051736	3652	17 8.1
3.0	11 56 27.01	1 8.18	3 22 45.8	5 56.1	0.048084	3675	17 5.3
4.0	11 57 35.19	1 6.63	3 16 49.7	5 45.5	0.044409	3698	17 2.5
5.0	11 58 41.82	1 5.03	3 11 4.2	5 34.6	0.040711	3722	16 59.6
6.0	11 59 46.85	1 3.41	+3 5 29.6	5 23.5	0.036989	3743	16 56.7
7.0	12 0 50.26	1 1.74	3 0 6.1	5 12.0	0.033246	3766	16 53.8
8.0	12 1 52.00	1 0.03	2 54 54.1	5 0.4	0.029480	3786	16 50.9
9.0	12 2 52.03	0 58.29	2 49 53.7	4 48.5	0.025694	3806	16 47.9
10.0	12 3 50.32	0 56.50	2 45 5.2	4 36.4	0.021888	3827	16 44.9
11.0	12 4 46.82	0 54.68	2 40 28.8	4 24.0	0.018061	3844	16 41.9
12.0	12 5 41.50	0 52.81	+2 36 4.8	4 11.4	0.014217	3863	16 38.9
13.0	12 6 34.31	0 50.91	2 31 53.4	3 58.7	0.010354	3878	16 35.8
14.0	12 7 25.22	0 48.97	2 27 54.7	3 45.6	0.006476	3895	16 32.7
15.0	12 8 14.19	0 47.00	2 24 9.1	3 32.4	0.002581	3909	16 29.6
16.0	12 9 1.19	0 44.99	2 20 36.7	3 19.1	9.998672	3923	16 26.4
17.0	12 9 46.18	0 42.95	2 17 17.6	3 5.5	9.994749	3934	16 23.2
18.0	12 10 29.13	0 40.86	+2 14 12.1	2 51.8	9.990815	3947	16 19.9
19.0	12 11 9.99	0 38.75	2 11 20.3	2 37.8	9.986868	3956	16 16.6
20.0	12 11 48.74	0 36.59	2 8 42.5	2 23.6	9.982912	3965	16 13.3
21.0	12 12 25.33	0 34.40	2 6 18.9	2 9.3	9.978947	3973	16 10.0
22.0	12 12 59.73	0 32.16	2 4 9.6	1 54.7	9.974974	3978	16 6.6
23.0	12 13 31.89	0 29.89	2 2 14.9	1 39.9	9.970996	3984	16 3.2
24.0	12 14 1.78	0 27.58	+2 0 35.0	1 24.8	9.967012	3988	15 59.7
25.0	12 14 29.36	0 25.22	1 59 10.2	1 9.6	9.963024	3989	15 56.2
26.0	12 14 54.58	0 22.82	1 58 0.6	0 54.1	9.959035	3990	15 52.7
27.0	12 15 17.40	0 20.38	1 57 6.5	0 38.5	9.955045	3989	15 49.1
28.0	12 15 37.78	0 17.90	1 56 28.0	0 22.5	9.951056	3985	15 45.5
29.0	12 15 55.68	0 15.36	1 56 5.5	0 6.5	9.947071	3980	15 41.8
30.0	12 16 11.04	0 12.79	+1 55 59.0	0 9.7	9.943091	3973	15 38.1
31.0	12 16 23.83	0 10.18	1 56 8.7	0 26.2	9.939118	3964	15 34.4
Febr. 1.0	12 16 34.01	0 7.52	1 56 34.9	0 42.8	9.935154	3951	15 30.6
2.0	12 16 41.53	0 4.82	1 57 17.7	0 59.6	9.931203	3937	15 26.7
3.0	12 16 46.35	0 2.08	1 58 17.3	1 16.5	9.927266	3921	15 22.8
4.0	12 16 48.43	0 0.69	1 59 33.8	1 33.6	9.923345	3900	15 18.9
5.0	12 16 47.74	0 3.51	+2 1 7.4	1 50.8	9.919445	3878	15 14.9
6.0	12 16 44.23	0 6.35	2 2 58.2	2 8.0	9.915567	3853	15 10.9
7.0	12 16 37.88	0 9.23	2 5 6.2	2 25.3	9.911714	3823	15 6.9
8.0	12 16 28.65	0 12.12	2 7 31.5	2 42.6	9.907891	3791	15 2.8
9.0	12 16 16.53	0 15.04	2 10 14.1	2 59.9	9.904100	3756	14 58.6
10.0	12 16 1.49		2 13 14.0		9.900344		14 54.4

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Febr. 10.0	12 16 1.49	0 17.97	+2 13 14.0	3 17.0	9.900344	3716	14 54.4
11.0	12 15 43.52	0 20.92	2 16 31.0	3 34.1	9.896628	3673	14 50.1
12.0	12 15 22.60	0 23.88	2 20 5.1	3 51.1	9.892955	3627	14 45.8
13.0	12 14 58.72	0 26.82	2 23 56.2	4 7.8	9.889328	3576	14 41.5
14.0	12 14 31.90	0 29.77	2 28 4.0	4 24.3	9.885752	3522	14 37.1
15.0	12 14 2.13	0 32.70	2 32 28.3	4 40.8	9.882230	3464	14 32.6
16.0	12 13 29.43	0 35.62	+2 37 9.1	4 56.8	9.878766	3402	14 28.1
17.0	12 12 53.81	0 38.52	2 42 5.9	5 12.6	9.875364	3337	14 23.5
18.0	12 12 15.29	0 41.40	2 47 18.5	5 28.1	9.872027	3267	14 18.9
19.0	12 11 33.89	0 44.25	2 52 46.6	5 43.1	9.868760	3194	14 14.3
20.0	12 10 49.64	0 47.06	2 58 29.7	5 57.9	9.865566	3117	14 9.6
21.0	12 10 2.58	0 49.84	3 4 27.6	6 12.2	9.862449	3035	14 4.9
22.0	12 9 12.74	0 52.58	+3 10 39.8	6 26.1	9.859414	2951	14 0.1
23.0	12 8 20.16	0 55.28	3 17 5.9	6 39.5	9.856463	2862	13 55.2
24.0	12 7 24.88	0 57.92	3 23 45.4	6 52.4	9.853601	2769	13 50.4
25.0	12 6 26.96	1 0.50	3 30 37.8	7 4.7	9.850832	2671	13 45.5
26.0	12 5 26.46	1 3.01	3 37 42.5	7 16.3	9.848161	2571	13 40.5
27.0	12 4 23.45	1 5.46	3 44 58.8	7 27.4	9.845590	2467	13 35.5
28.0	12 3 17.99	1 7.82	+3 52 26.2	7 37.7	9.843123	2358	13 30.5
März 1.0	12 2 10.17	1 10.09	4 0 3.9	7 47.4	9.840765	2245	13 25.4
2.0	12 1 0.08	1 12.27	4 7 51.3	7 56.1	9.838520	2129	13 20.3
3.0	11 59 47.81	1 14.36	4 15 47.4	8 4.1	9.836391	2010	13 15.1
4.0	11 58 33.45	1 16.32	4 23 51.5	8 11.2	9.834381	1886	13 10.0
5.0	11 57 17.13	1 18.19	4 32 2.7	8 17.3	9.832495	1760	13 4.8
6.0	11 55 58.94	1 19.91	+4 40 20.0	8 22.5	9.830735	1630	12 59.5
7.0	11 54 39.03	1 21.52	4 48 42.5	8 26.8	9.829105	1497	12 54.2
8.0	11 53 17.51	1 22.97	4 57 9.3	8 29.9	9.827608	1362	12 48.9
9.0	11 51 54.54	1 24.29	5 5 39.2	8 31.9	9.826246	1223	12 43.6
10.0	11 50 30.25	1 25.44	5 14 11.1	8 32.9	9.825023	1084	12 38.3
11.0	11 49 4.81	1 26.44	5 22 44.0	8 32.8	9.823939	940	12 32.9
12.0	11 47 38.37	1 27.27	+5 31 16.8	8 31.6	9.822999	796	12 27.6
13.0	11 46 11.10	1 27.92	5 39 48.4	8 29.1	9.822203	652	12 22.2
14.0	11 44 43.18	1 28.41	5 48 17.5	8 25.5	9.821551	507	12 16.8
15.0	11 43 14.77	1 28.71	5 56 43.0	8 20.9	9.821044	361	12 11.4
16.0	11 41 46.06	1 28.85	6 5 3.9	8 15.1	9.820683	216	12 6.0
17.0	11 40 17.21	1 28.81	6 13 19.0	8 8.3	9.820467	70	12 0.6
18.0	11 38 48.40	1 28.60	+6 21 27.3	8 0.6	9.820397	74	11 55.2
19.0	11 37 19.80	1 28.22	6 29 27.9	7 51.9	9.820471	218	11 49.8
20.0	11 35 51.58	1 27.68	6 37 19.8	7 42.2	9.820689	361	11 44.4
21.0	11 34 23.90	1 26.98	6 45 2.0	7 31.8	9.821050	501	11 39.0
22.0	11 32 56.92	1 26.12	6 52 33.8	7 20.3	9.821551	641	11 33.6
23.0	11 31 30.80		6 59 54.1		9.822192		11 28.3

Mittlere Zeit Greenwich	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log Δ	Diff.	Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
März 23.0	11 31 30.80	1 25.11	+6 59 54.1	7 8.3	9.822192	777	11 28.3
24.0	11 30 5.69	1 23.95	7 7 2.4	6 55.4	9.822969	911	11 23.0
25.0	11 28 41.74	1 22.65	7 13 57.8	6 41.8	9.823880	1043	11 17.7
26.0	11 27 19.09	1 21.20	7 20 39.6	6 27.5	9.824923	1172	11 12.4
27.0	11 25 57.89	1 19.63	7 27 7.1	6 12.7	9.826095	1299	11 7.1
28.0	11 24 38.26	1 17.94	7 33 19.8	5 57.2	9.827394	1423	11 1.9
29.0	11 23 20.32	1 16.11	+7 39 17.0	5 41.3	9.828817	1542	10 56.7
30.0	11 22 4.21	1 14.18	7 44 58.3	5 24.9	9.830359	1659	10 51.5
31.0	11 20 50.03	1 12.13	7 50 23.2	5 8.0	9.832018	1773	10 46.3
April 1.0	11 19 37.90	1 9.98	7 55 31.2	4 50.8	9.833791	1882	10 41.2
2.0	11 18 27.92	1 7.74	8 0 22.0	4 33.1	9.835673	1988	10 36.1
3.0	11 17 20.18	1 5.40	8 4 55.1	4 15.2	9.837661	2092	10 31.1
4.0	11 16 14.78	1 2.97	+8 9 10.3	3 57.1	9.839753	2190	10 26.1
5.0	11 15 11.81	1 0.47	8 13 7.4	3 38.6	9.841943	2285	10 21.1
6.0	11 14 11.34	0 57.87	8 16 46.0	3 19.9	9.844228	2376	10 16.2
7.0	11 13 13.47	0 55.22	8 20 5.9	3 1.0	9.846604	2464	10 11.3
8.0	11 12 18.25	0 52.50	8 23 6.9	2 42.0	9.849068	2547	10 6.5
9.0	11 11 25.75	0 49.72	8 25 48.9	2 23.0	9.851615	2626	10 1.7
10.0	11 10 36.03	0 46.89	+8 28 11.9	2 3.8	9.854241	2701	9 57.0
11.0	11 9 49.14	0 44.02	8 30 15.7	1 44.6	9.856942	2772	9 52.3
12.0	11 9 5.12	0 41.11	8 32 0.3	1 25.4	9.859714	2838	9 47.7
13.0	11 8 24.01	0 38.17	8 33 25.7	1 6.4	9.862552	2900	9 43.1
14.0	11 7 45.84	0 35.22	8 34 32.1	0 47.4	9.865452	2959	9 38.6
15.0	11 7 10.62	0 32.25	8 35 19.5	0 28.6	9.868411	3013	9 34.1
16.0	11 6 38.37	0 29.28	+8 35 48.1	0 10.0	9.871424	3063	9 29.6
17.0	11 6 9.09	0 26.31	8 35 58.1	0 8.4	9.874487	3110	9 25.2
18.0	11 5 42.78	0 23.35	8 35 49.7	0 26.6	9.877597	3152	9 20.9
19.0	11 5 19.43	0 20.41	8 35 23.1	0 44.6	9.880749	3192	9 16.6
20.0	11 4 59.02	0 17.48	8 34 38.5	1 2.3	9.883941	3228	9 12.3
21.0	11 4 41.54	0 14.56	8 33 36.2	1 19.7	9.887169	3262	9 8.1
22.0	11 4 26.98	0 11.67	+8 32 16.5	1 37.0	9.890431	3291	9 3.9
23.0	11 4 15.31	0 8.80	8 30 39.5	1 53.8	9.893722	3318	8 59.8
24.0	11 4 6.51	0 5.96	8 28 45.7	2 10.4	9.897040	3342	8 55.8
25.0	11 4 0.55	0 3.15	8 26 35.3	2 26.8	9.900382	3364	8 51.8
26.0	11 3 57.40	0 0.38	8 24 8.5	2 43.0	9.903746	3382	8 47.8
27.0	11 3 57.02	0 2.35	8 21 25.5	2 58.9	9.907128	3400	8 43.9
28.0	11 3 59.37	0 5.05	+8 18 26.6	3 14.5	9.910528	3414	8 40.0
29.0	11 4 4.42	0 7.72	8 15 12.1	3 29.9	9.913942	3426	8 36.2
30.0	11 4 12.14	0 10.35	8 11 42.2	3 45.0	9.917368	3436	8 32.4
Mai 1.0	11 4 22.49	0 12.95	8 7 57.2	3 59.9	9.920804	3445	8 28.6
2.0	11 4 35.44	0 15.51	8 3 57.3	4 14.4	9.924249	3451	8 24.9
3.0	11 4 50.95		7 59 42.9		9.927700		8 21.3

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Mai 3.0	11 4 50.95	0 18.04	+7 59 42.9	4 28.8	9.927700	3455	8 21.3
4.0	11 5 8.99	0 20.53	7 55 14.1	4 43.0	9.931155	3459	8 17.7
5.0	11 5 29.52	0 22.99	7 50 31.1	4 56.9	9.934614	3460	8 14.1
6.0	11 5 52.51	0 25.41	7 45 34.2	5 10.7	9.938074	3460	8 10.6
7.0	11 6 17.92	0 27.79	7 40 23.5	5 24.2	9.941534	3457	8 7.1
8.0	11 6 45.71	0 30.14	7 34 59.3	5 37.6	9.944991	3455	8 3.6
9.0	11 7 15.85	0 32.44	+7 29 21.7	5 50.6	9.948446	3449	8 0.2
10.0	11 7 48.29	0 34.72	7 23 31.1	6 3.5	9.951895	3442	7 56.8
11.0	11 8 23.01	0 36.95	7 17 27.6	6 16.2	9.955337	3435	7 53.4
12.0	11 8 59.96	0 39.14	7 11 11.4	6 28.5	9.958772	3425	7 50.1
13.0	11 9 39.10	0 41.29	7 4 42.9	6 40.6	9.962197	3414	7 46.9
14.0	11 10 20.39	0 43.38	6 58 2.3	6 52.5	9.965611	3403	7 43.6
15.0	11 11 3.77	0 45.44	+6 51 9.8	7 4.1	9.969014	3389	7 40.4
16.0	11 11 49.21	0 47.45	6 44 5.7	7 15.5	9.972403	3376	7 37.3
17.0	11 12 36.66	0 49.42	6 36 50.2	7 26.7	9.975779	3361	7 34.1
18.0	11 13 26.08	0 51.34	6 29 23.5	7 37.6	9.979140	3345	7 31.0
19.0	11 14 17.42	0 53.22	6 21 45.9	7 48.2	9.982485	3330	7 27.9
20.0	11 15 10.64	0 55.07	6 13 57.7	7 58.7	9.985815	3312	7 24.9
21.0	11 16 5.71	0 56.85	+6 5 59.0	8 9.0	9.989127	3294	7 21.9
22.0	11 17 2.56	0 58.61	5 57 50.0	8 19.0	9.992421	3277	7 18.9
23.0	11 18 1.17	1 0.33	5 49 31.0	8 28.9	9.995698	3258	7 16.0
24.0	11 19 1.50	1 2.01	5 41 2.1	8 38.5	9.998956	3239	7 13.1
25.0	11 20 3.51	1 3.65	5 32 23.6	8 47.9	0.002195	3220	7 10.2
26.0	11 21 7.16	1 5.25	5 23 35.7	8 57.2	0.005415	3201	7 7.3
27.0	11 22 12.41	1 6.83	+5 14 38.5	9 6.3	0.008616	3180	7 4.4
28.0	11 23 19.24	1 8.36	5 5 32.2	9 15.3	0.011796	3161	7 1.6
29.0	11 24 27.60	1 9.88	4 56 16.9	9 24.0	0.014957	3140	6 58.8
30.0	11 25 37.48	1 11.36	4 46 52.9	9 32.7	0.018097	3120	6 56.1
31.0	11 26 48.84	1 12.81	4 37 20.2	9 41.2	0.021217	3100	6 53.3
Juni 1.0	11 28 1.65	1 14.24	4 27 39.0	9 49.6	0.024317	3078	6 50.6
2.0	11 29 15.89	1 15.65	+4 17 49.4	9 57.8	0.027395	3058	6 47.9
3.0	11 30 31.54	1 17.03	4 7 51.6	10 6.0	0.030453	3037	6 45.3
4.0	11 31 48.57	1 18.38	3 57 45.6	10 13.9	0.033490	3015	6 42.6
5.0	11 33 6.95	1 19.72	3 47 31.7	10 21.9	0.036505	2994	6 40.0
6.0	11 34 26.67	1 21.03	3 37 9.8	10 29.5	0.039499	2972	6 37.4
7.0	11 35 47.70	1 22.32	3 26 40.3	10 37.2	0.042471	2950	6 34.8
8.0	11 37 10.02	1 23.59	+3 16 3.1	10 44.6	0.045421	2928	6 32.2
9.0	11 38 33.61	1 24.83	3 5 18.5	10 51.9	0.048349	2905	6 29.7
10.0	11 39 58.44	1 26.05	2 54 26.6	10 59.1	0.051254	2882	6 27.2
11.0	11 41 24.49	1 27.24	2 43 27.5	11 6.0	0.054136	2859	6 24.7
12.0	11 42 51.73	1 28.42	2 32 21.5	11 12.8	0.056995	2836	6 22.2
13.0	11 44 20.15		2 21 8.7		0.059831		6 19.7

Mittlere Zeit Greenwich		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
		h m s	m s	° ′ ″	′ ″			h m
Juni	13.0	11 44 20.15	1 29.56	+2 21 8.7	11 19.4	0.059831	2813	6 19.7
	14.0	11 45 49.71	1 30.68	2 9 49.3	11 26.0	0.062644	2790	6 17.3
	15.0	11 47 20.39	1 31.78	1 58 23.3	11 32.3	0.065434	2767	6 14.9
	16.0	11 48 52.17	1 32.86	1 46 51.0	11 38.6	0.068201	2743	6 12.5
	17.0	11 50 25.03	1 33.92	1 35 12.4	11 44.5	0.070944	2721	6 10.1
	18.0	11 51 58.95	1 34.95	1 23 27.9	11 50.4	0.073665	2697	6 7.7
	19.0	11 53 33.90	1 35.97	+1 11 37.5	11 56.2	0.076362	2675	6 5.4
	20.0	11 55 9.87	1 36.98	0 59 41.3	12 1.7	0.079037	2652	6 3.0
	21.0	11 56 46.85	1 37.95	0 47 39.6	12 7.3	0.081689	2629	6 0.7
	22.0	11 58 24.80	1 38.91	0 35 32.3	12 12.5	0.084318	2606	5 58.4
	23.0	12 0 3.71	1 39.86	0 23 19.8	12 17.7	0.086924	2585	5 56.1
	24.0	12 1 43.57	1 40.79	+0 11 2.1	12 22.9	0.089509	2562	5 53.9
	25.0	12 3 24.36	1 41.71	−0 1 20.8	12 27.8	0.092071	2540	5 51.6
	26.0	12 5 6.07	1 42.62	0 13 48.6	12 32.6	0.094611	2519	5 49.4
	27.0	12 6 48.69	1 43.52	0 26 21.2	12 37.4	0.097130	2497	5 47.1
	28.0	12 8 32.21	1 44.41	0 38 58.6	12 42.0	0.099627	2476	5 44.9
	29.0	12 10 16.62	1 45.29	0 51 40.6	12 46.6	0.102103	2455	5 42.7
	30.0	12 12 1.91	1 46.16	1 4 27.2	12 51.0	0.104558	2434	5 40.5
Juli	1.0	12 13 48.07	1 47.02	−1 17 18.2	12 55.3	0.106992	2413	5 38.4
	2.0	12 15 35.09	1 47.89	1 30 13.5	12 59.6	0.109405	2393	5 36.2
	3.0	12 17 22.98	1 48.73	1 43 13.1	13 3.7	0.111798	2371	5 34.1
	4.0	12 19 11.71	1 49.58	1 56 16.8	13 7.7	0.114169	2351	5 32.0
	5.0	12 21 1.29	1 50.43	2 9 24.5	13 11.6	0.116520	2331	5 29.9
	6.0	12 22 51.72	1 51.25	2 22 36.1	13 15.3	0.118851	2310	5 27.8
	7.0	12 24 42.97	1 52.09	−2 35 51.4	13 18.9	0.121161	2289	5 25.7
	8.0	12 26 35.06	1 52.90	2 49 10.3	13 22.5	0.123450	2269	5 23.6
	9.0	12 28 27.96	1 53.71	3 2 32.8	13 25.9	0.125719	2248	5 21.6
	10.0	12 30 21.67	1 54.51	3 15 58.7	13 29.1	0.127967	2228	5 19.5
	11.0	12 32 16.18	1 55.30	3 29 27.8	13 32.2	0.130195	2207	5 17.5
	12.0	12 34 11.48	1 56.08	3 43 0.0	13 35.2	0.132402	2187	5 15.5
	13.0	12 36 7.56	1 56.86	−3 56 35.2	13 38.0	0.134589	2167	5 13.5
	14.0	12 38 4.42	1 57.63	4 10 13.2	13 40.6	0.136756	2147	5 11.5
	15.0	12 40 2.05	1 58.38	4 23 53.8	13 43.1	0.138903	2128	5 9.5
	16.0	12 42 0.43	1 59.14	4 37 36.9	13 45.5	0.141031	2107	5 7.5
	17.0	12 43 59.57	1 59.89	4 51 22.4	13 47.8	0.143138	2088	5 5.6
	18.0	12 45 59.46	2 0.63	5 5 10.2	13 49.8	0.145226	2069	5 3.6
	19.0	12 48 0.09	2 1.36	−5 19 0.0	13 51.8	0.147295	2050	5 1.7
	20.0	12 50 1.45	2 2.09	5 32 51.8	13 53.6	0.149345	2031	4 59.8
	21.0	12 52 3.54	2 2.81	5 46 45.4	13 55.3	0.151376	2012	4 57.9
	22.0	12 54 6.35	2 3.54	6 0 40.7	13 56.9	0.153388	1995	4 56.0
	23.0	12 56 9.89	2 4.26	6 14 37.6	13 58.3	0.155383	1976	4 54.1
	24.0	12 58 14.15		6 28 35.9		0.157359		4 52.3

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Juli 24.0	12 58 14.15	2 4.97	— 6 28 35.9	13 59.7	0.157359	1958	4 52.3
25.0	13 0 19.12	2 5.69	6 42 35.6	14 0.9	0.159317	1941	4 50.4
26.0	13 2 24.81	2 6.41	6 56 36.5	14 2.0	0.161258	1923	4 48.6
27.0	13 4 31.22	2 7.12	7 10 38.5	14 2.9	0.163181	1906	4 46.7
28.0	13 6 38.34	2 7.85	7 24 41.4	14 3.7	0.165087	1890	4 44.9
29.0	13 8 46.19	2 8.57	7 38 45.1	14 4.5	0.166977	1873	4 43.1
30.0	13 10 54.76	2 9.30	— 7 52 49.6	14 5.1	0.168850	1856	4 41.3
31.0	13 13 4.06	2 10.02	8 6 54.7	14 5.6	0.170706	1839	4 39.5
Aug. 1.0	13 15 14.08	2 10.75	8 21 0.3	14 6.0	0.172545	1823	4 37.8
2.0	13 17 24.83	2 11.48	8 35 6.3	14 6.2	0.174368	1807	4 36.0
3.0	13 19 36.31	2 12.22	8 49 12.5	14 6.3	0.176175	1791	4 34.3
4.0	13 21 48.53	2 12.95	9 3 18.8	14 6.1	0.177966	1774	4 32.5
5.0	13 24 1.48	2 13.68	— 9 17 24.9	14 6.0	0.179740	1758	4 30.8
6.0	13 26 15.16	2 14.42	9 31 30.9	14 5.6	0.181498	1742	4 29.1
7.0	13 28 29.58	2 15.15	9 45 36.5	14 5.2	0.183240	1726	4 27.4
8.0	13 30 44.73	2 15.89	9 59 41.7	14 4.5	0.184966	1710	4 25.7
9.0	13 33 0.62	2 16.61	10 13 46.2	14 3.7	0.186676	1694	4 24.0
10.0	13 35 17.23	2 17.34	10 27 49.9	14 2.7	0.188370	1679	4 22.4
11.0	13 37 34.57	2 18.06	—10 41 52.6	14 1.5	0.190049	1663	4 20.7
12.0	13 39 52.63	2 18.80	10 55 54.1	14 0.2	0.191712	1647	4 19.1
13.0	13 42 11.43	2 19.52	11 9 54.3	13 58.7	0.193359	1632	4 17.5
14.0	13 44 30.95	2 20.25	11 23 53.0	13 57.0	0.194991	1617	4 15.8
15.0	13 46 51.20	2 20.98	11 37 50.0	13 55.3	0.196608	1602	4 14.2
16.0	13 49 12.18	2 21.69	11 51 45.3	13 53.3	0.198210	1588	4 12.7
17.0	13 51 33.87	2 22.42	—12 5 38.6	13 51.1	0.199798	1573	4 11.1
18.0	13 53 56.29	2 23.14	12 19 29.7	13 49.0	0.201371	1558	4 9.5
19.0	13 56 19.43	2 23.86	12 33 18.7	13 46.6	0.202929	1544	4 8.0
20.0	13 58 43.29	2 24.58	12 47 5.3	13 44.0	0.204473	1531	4 6.4
21.0	14 1 7.87	2 25.32	13 0 49.3	13 41.2	0.206004	1516	4 4.9
22.0	14 3 33.19	2 26.05	13 14 30.5	13 38.2	0.207520	1504	4 3.4
23.0	14 5 59.24	2 26.78	—13 28 8.7	13 35.2	0.209024	1490	4 1.9
24.0	14 8 26.02	2 27.52	13 41 43.9	13 32.0	0.210514	1477	4 0.4
25.0	14 10 53.54	2 28.27	13 55 15.9	13 28.6	0.211991	1464	3 58.9
26.0	14 13 21.81	2 29.02	14 8 44.5	13 25.1	0.213455	1452	3 57.4
27.0	14 15 50.83	2 29.77	14 22 9.6	13 21.5	0.214907	1439	3 56.0
28.0	14 18 20.60	2 30.53	14 35 31.1	13 17.6	0.216346	1427	3 54.5
29.0	14 20 51.13	2 31.29	—14 48 48.7	13 13.6	0.217773	1415	3 53.1
30.0	14 23 22.42	2 32.06	15 2 2.3	13 9.4	0.219188	1402	3 51.7
31.0	14 25 54.48	2 32.83	15 15 11.7	13 5.2	0.220590	1390	3 50.3
Sept. 1.0	14 28 27.31	2 33.61	15 28 16.9	13 0.6	0.221980	1378	3 48.9
2.0	14 31 0.92	2 34.38	15 41 17.5	12 55.9	0.223358	1366	3 47.5
3.0	14 33 35.30		15 54 13.4		0.224724		3 46.1

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Sept. 3.0	14 33 35.30	2 35.16	−15 54 13.4	12 51.1	0.224724	1353	3 46.1
4.0	14 36 10.46	2 35.94	16 7 4.5	12 45.9	0.226077	1342	3 44.8
5.0	14 38 46.40	2 36.71	16 19 50.4	12 40.7	0.227419	1330	3 43.4
6.0	14 41 23.11	2 37.49	16 32 31.1	12 35.3	0.228749	1318	3 42.1
7.0	14 44 0.60	2 38.27	16 45 6.4	12 29.7	0.230067	1307	3 40.8
8.0	14 46 38.87	2 39.04	16 57 36.1	12 23.8	0.231374	1294	3 39.5
9.0	14 49 17.91	2 39.82	−17 9 59.9	12 17.9	0.232668	1283	3 38.2
10.0	14 51 57.73	2 40.59	17 22 17.8	12 11.7	0.233951	1272	3 36.9
11.0	14 54 38.32	2 41.37	17 34 29.5	12 5.3	0.235223	1261	3 35.7
12.0	14 57 19.69	2 42.14	17 46 34.8	11 58.7	0.236484	1249	3 34.4
13.0	15 0 1.83	2 42.90	17 58 33.5	11 51.9	0.237733	1238	3 33.2
14.0	15 2 44.73	2 43.68	18 10 25.4	11 45.0	0.238971	1227	3 32.0
15.0	15 5 28.41	2 44.45	−18 22 10.4	11 37.9	0.240198	1217	3 30.8
16.0	15 8 12.86	2 45.21	18 33 48.3	11 30.5	0.241415	1206	3 29.6
17.0	15 10 58.07	2 45.97	18 45 18.8	11 23.0	0.242621	1196	3 28.4
18.0	15 13 44.04	2 46.73	18 56 41.8	11 15.3	0.243817	1186	3 27.2
19.0	15 16 30.77	2 47.49	19 7 57.1	11 7.4	0.245003	1176	3 26.0
20.0	15 19 18.26	2 48.26	19 19 4.5	10 59.2	0.246179	1167	3 24.9
21.0	15 22 6.52	2 49.02	−19 30 3.7	10 51.0	0.247346	1157	3 23.7
22.0	15 24 55.54	2 49.79	19 40 54.7	10 42.5	0.248503	1147	3 22.6
23.0	15 27 45.33	2 50.55	19 51 37.2	10 33.9	0.249650	1139	3 21.5
24.0	15 30 35.88	2 51.32	20 2 11.1	10 25.1	0.250789	1130	3 20.4
25.0	15 33 27.20	2 52.09	20 12 36.2	10 16.1	0.251919	1120	3 19.3
26.0	15 36 19.29	2 52.85	20 22 52.3	10 6.9	0.253039	1112	3 18.3
27.0	15 39 12.14	2 53.63	−20 32 59.2	9 57.5	0.254151	1103	3 17.2
28.0	15 42 5.77	2 54.39	20 42 56.7	9 47.9	0.255254	1095	3 16.2
29.0	15 45 0.16	2 55.15	20 52 44.6	9 38.1	0.256349	1085	3 15.1
30.0	15 47 55.31	2 55.91	21 2 22.7	9 28.2	0.257434	1077	3 14.1
Okt. 1.0	15 50 51.22	2 56.67	21 11 50.9	9 18.0	0.258511	1069	3 13.1
2.0	15 53 47.89	2 57.43	21 21 8.9	9 7.7	0.259580	1060	3 12.1
3.0	15 56 45.32	2 58.16	−21 30 16.6	8 57.1	0.260640	1051	3 11.1
4.0	15 59 43.48	2 58.91	21 39 13.7	8 46.4	0.261691	1043	3 10.1
5.0	16 2 42.39	2 59.64	21 48 0.1	8 35.5	0.262734	1034	3 9.2
6.0	16 5 42.03	3 0.37	21 56 35.6	8 24.3	0.263768	1027	3 8.2
7.0	16 8 42.40	3 1.08	22 4 59.9	8 13.1	0.264795	1018	3 7.3
8.0	16 11 43.48	3 1.79	22 13 13.0	8 1.5	0.265813	1009	3 6.4
9.0	16 14 45.27	3 2.49	−22 21 14.5	7 49.8	0.266822	1002	3 5.5
10.0	16 17 47.76	3 3.18	22 29 4.3	7 37.9	0.267824	994	3 4.6
11.0	16 20 50.94	3 3.87	22 36 42.2	7 26.0	0.268818	986	3 3.7
12.0	16 23 54.81	3 4.54	22 44 8.2	7 13.7	0.269804	978	3 2.8
13.0	16 26 59.35	3 5.20	22 51 21.9	7 1.3	0.270782	970	3 1.9
14.0	16 30 4.55		22 58 23.2		0.271752		3 1.1

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
Okt. 14.0	16^h 30^m 4^s.55	3^m 5^s.85	−22° 58′ 23″.2	6′ 48″.7	0.271752	964	3^h 1^m.1
15.0	16 33 10.40	3 6.49	23 5 11.9	6 36.0	0.272716	955	3 0.3
16.0	16 36 16.89	3 7.12	23 11 47.9	6 23.0	0.273671	949	2 59.4
17.0	16 39 24.01	3 7.73	23 18 10.9	6 10.0	0.274620	942	2 58.6
18.0	16 42 31.74	3 8.35	23 24 20.9	5 56.7	0.275562	935	2 57.8
19.0	16 45 40.09	3 8.94	23 30 17.6	5 43.3	0.276497	929	2 57.0
20.0	16 48 49.03	3 9.53	−23 36 0.9	5 29.8	0.277426	922	2 56.2
21.0	16 51 58.56	3 10.12	23 41 30.7	5 16.0	0.278348	916	2 55.4
22.0	16 55 8.68	3 10.69	23 46 46.7	5 2.1	0.279264	910	2 54.6
23.0	16 58 19.37	3 11.25	23 51 48.8	4 48.1	0.280174	904	2 53.9
24.0	17 1 30.62	3 11.81	23 56 36.9	4 34.0	0.281078	897	2 53.1
25.0	17 4 42.43	3 12.35	24 1 10.9	4 19.7	0.281975	892	2 52.4
26.0	17 7 54.78	3 12.89	−24 5 30.6	4 5.2	0.282867	887	2 51.6
27.0	17 11 7.67	3 13.40	24 9 35.8	3 50.6	0.283754	880	2 50.9
28.0	17 14 21.07	3 13.91	24 13 26.4	3 35.9	0.284634	874	2 50.2
29.0	17 17 34.98	3 14.40	24 17 2.3	3 21.0	0.285508	869	2 49.5
30.0	17 20 49.38	3 14.89	24 20 23.3	3 6.0	0.286377	863	2 48.8
31.0	17 24 4.27	3 15.34	24 23 29.3	2 50.9	0.287240	857	2 48.1
Nov. 1.0	17 27 19.61	3 15.79	−24 26 20.2	2 35.7	0.288097	852	2 47.4
2.0	17 30 35.40	3 16.22	24 28 55.9	2 20.4	0.288949	846	2 46.7
3.0	17 33 51.62	3 16.64	24 31 16.3	2 4.9	0.289795	840	2 46.0
4.0	17 37 8.26	3 17.03	24 33 21.2	1 49.4	0.290635	835	2 45.4
5.0	17 40 25.29	3 17.41	24 35 10.6	1 33.7	0.291470	829	2 44.7
6.0	17 43 42.70	3 17.77	24 36 44.3	1 18.0	0.292299	823	2 44.1
7.0	17 47 0.47	3 18.11	−24 38 2.3	1 2.2	0.293122	819	2 43.4
8.0	17 50 18.58	3 18.44	24 39 4.5	0 46.2	0.293941	813	2 42.8
9.0	17 53 37.02	3 18.73	24 39 50.7	0 30.3	0.294754	808	2 42.1
10.0	17 56 55.75	3 19.02	24 40 21.0	0 14.3	0.295562	802	2 41.5
11.0	18 0 14.77	3 19.28	24 40 35.3	0 1.8	0.296364	798	2 40.9
12.0	18 3 34.05	3 19.52	24 40 33.5	0 18.0	0.297162	793	2 40.3
13.0	18 6 53.57	3 19.74	−24 40 15.5	0 34.2	0.297955	788	2 39.7
14.0	18 10 13.31	3 19.95	24 39 41.3	0 50.4	0.298743	783	2 39.0
15.0	18 13 33.26	3 20.15	24 38 50.9	1 6.7	0.299526	779	2 38.4
16.0	18 16 53.41	3 20.31	24 37 44.2	1 23.1	0.300305	775	2 37.8
17.0	18 20 13.72	3 20.47	24 36 21.1	1 39.4	0.301080	771	2 37.2
18.0	18 23 34.19	3 20.61	24 34 41.7	1 55.8	0.301851	766	2 36.6
19.0	18 26 54.80	3 20.73	−24 32 45.9	2 12.3	0.302617	763	2 36.0
20.0	18 30 15.53	3 20.84	24 30 33.6	2 28.7	0.303380	759	2 35.4
21.0	18 33 36.37	3 20.93	24 28 4.9	2 45.2	0.304139	755	2 34.8
22.0	18 36 57.30	3 21.01	24 25 19.7	3 1.7	0.304894	752	2 34.3
23.0	18 40 18.31	3 21.08	24 22 18.0	3 18.1	0.305646	748	2 33.7
24.0	18 43 39.39		24 18 59.9		0.306394		2 33.1

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Nov. 24.0	18 43 39.39	3 21.12	−24 18 59.9	3 34.6	0.306394	744	2 33.1
25.0	18 47 0.51	3 21.14	24 15 25.3	3 51.0	0.307138	741	2 32.5
26.0	18 50 21.65	3 21.16	24 11 34.3	4 7.5	0.307879	737	2 31.9
27.0	18 53 42.81	3 21.15	24 7 26.8	4 23.8	0.308616	733	2 31.3
28.0	18 57 3.96	3 21.13	24 3 3.0	4 40.3	0.309349	730	2 30.7
29.0	19 0 25.09	3 21.09	23 58 22.7	4 56.6	0.310079	726	2 30.1
30.0	19 3 46.18	3 21.04	−23 53 26.1	5 12.9	0.310805	723	2 29.5
Dez. 1.0	19 7 7.22	3 20.96	23 48 13.2	5 29.2	0.311528	719	2 28.9
2.0	19 10 28.18	3 20.88	23 42 44.0	5 45.3	0.312247	715	2 28.3
3.0	19 13 49.06	3 20.76	23 36 58.7	6 1.5	0.312962	712	2 27.7
4.0	19 17 9.82	3 20.64	23 30 57.2	6 17.6	0.313674	709	2 27.1
5.0	19 20 30.46	3 20.49	23 24 39.6	6 33.5	0.314383	705	2 26.5
6.0	19 23 50.95	3 20.34	−23 18 6.1	6 49.4	0.315088	701	2 25.9
7.0	19 27 11.29	3 20.15	23 11 16.7	7 5.2	0.315789	698	2 25.3
8.0	19 30 31.44	3 19.96	23 4 11.5	7 20.9	0.316487	695	2 24.7
9.0	19 33 51.40	3 19.74	22 56 50.6	7 36.4	0.317182	691	2 24.1
10.0	19 37 11.14	3 19.52	22 49 14.2	7 52.0	0.317873	689	2 23.5
11.0	19 40 30.66	3 19.27	22 41 22.2	8 7.4	0.318562	685	2 22.9
12.0	19 43 49.93	3 19.02	−22 33 14.8	8 22.7	0.319247	682	2 22.3
13.0	19 47 8.95	3 18.75	22 24 52.1	8 37.9	0.319929	680	2 21.6
14.0	19 50 27.70	3 18.46	22 16 14.2	8 52.9	0.320609	677	2 21.0
15.0	19 53 46.16	3 18.17	22 7 21.3	9 7.9	0.321286	674	2 20.4
16.0	19 57 4.33	3 17.87	21 58 13.4	9 22.6	0.321960	671	2 19.8
17.0	20 0 22.20	3 17.56	21 48 50.8	9 37.3	0.322631	670	2 19.1
18.0	20 3 39.76	3 17.23	−21 39 13.5	9 51.9	0.323301	667	2 18.5
19.0	20 6 56.99	3 16.90	21 29 21.6	10 6.3	0.323968	664	2 17.8
20.0	20 10 13.89	3 16.57	21 19 15.3	10 20.6	0.324632	663	2 17.1
21.0	20 13 30.46	3 16.22	21 8 54.7	10 34.7	0.325295	660	2 16.5
22.0	20 16 46.68	3 15.87	20 58 20.0	10 48.8	0.325955	658	2 15.8
23.0	20 20 2.55	3 15.51	20 47 31.2	11 2.7	0.326613	656	2 15.1
24.0	20 23 18.06	3 15.14	−20 36 28.5	11 16.4	0.327269	654	2 14.4
25.0	20 26 33.20	3 14.77	20 25 12.1	11 29.9	0.327923	651	2 13.7
26.0	20 29 47.97	3 14.39	20 13 42.2	11 43.4	0.328574	649	2 13.0
27.0	20 33 2.36	3 14.00	20 1 58.8	11 56.5	0.329223	647	2 12.3
28.0	20 36 16.36	3 13.61	19 50 2.3	12 9.5	0.329870	645	2 11.6
29.0	20 39 29.97	3 13.20	19 37 52.8	12 22.4	0.330515	643	2 10.9
30.0	20 42 43.17	3 12.80	−19 25 30.4	12 35.0	0.331158	640	2 10.2
31.0	20 45 55.97	3 12.38	19 12 55.4	12 47.6	0.331798	637	2 9.5
32.0	20 49 8.35		19 0 7.8		0.332435		2 8.7

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	″			h m
Jan. 0.0	4 2 50.04	0 41.57	+19 55 3.4	1 28.2	0.626579	2064	9 23.8
2.0	4 2 8.47	0 38.62	19 53 35.2	1 20.2	0.628643	2151	9 15.2
4.0	4 1 29.85	0 35.58	19 52 15.0	1 11.7	0.630794	2231	9 6.8
6.0	4 0 54.27	0 32.47	19 51 3.3	1 2.9	0.633025	2309	8 58.3
8.0	4 0 21.80	0 29.27	19 50 0.4	0 53.9	0.635334	2379	8 49.9
10.0	3 59 52.53	0 26.01	19 49 6.5	0 44.7	0.637713	2447	8 41.6
12.0	3 59 26.52	0 22.68	+19 48 21.8	0 35.1	0.640160	2508	8 33.3
14.0	3 59 3.84	0 19.30	19 47 46.7	0 25.5	0.642668	2565	8 25.1
16.0	3 58 44.54	0 15.91	19 47 21.2	0 15.7	0.645233	2617	8 16.9
18.0	3 58 28.63	0 12.49	19 47 5.5	0 5.8	0.647850	2662	8 8.8
20.0	3 58 16.14	0 9.04	19 46 59.7	0 4.1	0.650512	2704	8 0.7
22.0	3 58 7.10	0 5.62	19 47 3.8	0 14.0	0.653216	2740	7 52.7
24.0	3 58 1.48	0 2 19	+19 47 17.8	0 23.9	0.655956	2773	7 44.8
26.0	3 57 59.29	0 1.22	19 47 41.7	0 33.7	0.658729	2800	7 36.9
28.0	3 58 0.51	0 4.63	19 48 15.4	0 43.5	0.661529	2825	7 29.0
30.0	3 58 5.14	0 8.00	19 48 58.9	0 53.2	0.664354	2844	7 21.3
Febr. 1.0	3 58 13.14	0 11.37	19 49 52.1	1 2.8	0.667198	2860	7 13.5
3.0	3 58 24.51	0 14.71	19 50 54.9	1 12.2	0.670058	2873	7 5.9
5.0	3 58 39.22	0 18.03	+19 52 7.1	1 21.5	0.672931	2880	6 58.3
7.0	3 58 57.25	0 21.33	19 53 28.6	1 30.6	0.675811	2886	6 50.7
9.0	3 59 18.58	0 24.59	19 54 59.2	1 39.6	0.678697	2887	6 43.2
11.0	3 59 43.17	0 27.81	19 56 38.8	1 48.2	0.681584	2883	6 35.7
13.0	4 0 10.98	0 30.99	19 58 27.0	1 56.6	0.684467	2878	6 28.3
15.0	4 0 41.97	0 34.11	20 0 23.6	2 4.8	0.687345	2868	6 21.0
17.0	4 1 16.08	0 37.17	+20 2 28.4	2 12.6	0.690213	2855	6 13.7
19.0	4 1 53.25	0 40.17	20 4 41.0	2 20.1	0.693068	2839	6 6.5
21.0	4 2 33.42	0 43.12	20 7 1.1	2 27.4	0.695907	2821	5 59.3
23.0	4 3 16.54	0 46.00	20 9 28.5	2 34.2	0.698728	2801	5 52.1
25.0	4 4 2.54	0 48.82	20 12 2.7	2 40.9	0.701529	2778	5 45.0
27.0	4 4 51.36	0 51.58	20 14 43.6	2 47.1	0.704307	2754	5 38.0
März 1.0	4 5 42.94	0 54.29	+20 17 30.7	2 53.1	0.707061	2726	5 31.0
3.0	4 6 37.23	0 56.94	20 20 23.8	2 58.7	0.709787	2698	5 24.0
5.0	4 7 34.17	0 59.55	20 23 22.5	3 4.0	0.712485	2666	5 17.1
7.0	4 8 33.72	1 2.09	20 26 26.5	3 8.9	0.715151	2634	5 10.3
9.0	4 9 35.81	1 4.59	20 29 35.4	3 13.5	0.717785	2600	5 3.4
11.0	4 10 40.40	1 7.02	20 32 48.9	3 17.8	0.720385	2563	4 56.6
13.0	4 11 47.42	1 9.39	+20 36 6.7	3 21.7	0.722948	2524	4 49.9
15.0	4 12 56.81	1 11.69	20 39 28.4	3 25.2	0.725472	2485	4 43.2
17.0	4 14 8.50	1 13.95	20 42 53.6	3 28.4	0.727957	2443	4 36.5
19.0	4 15 22.45	1 16.11	20 46 22.0	3 31.2	0.730400	2400	4 29.9
21.0	4 16 38.56	1 18.21	20 49 53.2	3 33.8	0.732800	2357	4 23.3
23.0	4 17 56.77		20 53 27.0		0.735157		4 16.7

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
März 23.0	4 17 56.77	1 20.24	+20 53 27.0	3 35.8	0.735157	2312	4 16.7
25.0	4 19 17.01	1 22.23	20 57 2.8	3 37.7	0.737469	2267	4 10.2
27.0	4 20 39.24	1 24.14	21 0 40.5	3 39.2	0.739736	2220	4 3.7
29.0	4 22 3.38	1 26.01	21 4 19.7	3 40.4	0.741956	2173	3 57.2
31.0	4 23 29.39	1 27.83	21 8 0.1	3 41.2	0.744129	2126	3 50.8
April 2.0	4 24 57.22	1 29.59	21 11 41.3	3 41.8	0.746255	2077	3 44.4
4.0	4 26 26.81	1 31.30	+21 15 23.1	3 42.1	0.748332	2027	3 38.0
6.0	4 27 58.11	1 32.98	21 19 5.2	3 42.0	0.750359	1978	3 31.7
8.0	4 29 31.09	1 34.58	21 22 47.2	3 41.7	0.752337	1926	3 25.3
10.0	4 31 5.67	1 36.15	21 26 28.9	3 41.0	0.754263	1875	3 19.0
12.0	4 32 41.82	1 37.63	21 30 9.9	3 40.1	0.756138	1822	3 12.8
14.0	4 34 19.45	1 39.07	21 33 50.0	3 38.9	0.757960	1769	3 6.5
16.0	4 35 58.52	1 40.44	+21 37 28.9	3 37.5	0.759729	1715	3 0.3
18.0	4 37 38.96	1 41.76	21 41 6.4	3 35.7	0.761444	1661	2 54.1
20.0	4 39 20.72	1 43.02	21 44 42.1	3 33.6	0.763105	1608	2 47.9
22.0	4 41 3.74	1 44.23	21 48 15.7	3 31.5	0.764713	1553	2 41.8
24.0	4 42 47.97	1 45.39	21 51 47.2	3 28.9	0.766266	1499	2 35.7
26.0	4 44 33.36	1 46.52	21 55 16.1	3 26.3	0.767765	1445	2 29.5
28.0	4 46 19.88	1 47.58	+21 58 42.4	3 23.2	0.769210	1390	2 23.4
30.0	4 48 7.46	1 48.63	22 2 5.6	3 20.2	0.770600	1336	2 17.4
Mai 2.0	4 49 56.09	1 49.60	22 5 25.8	3 16.9	0.771936	1280	2 11.3
4.0	4 51 45.69	1 50.56	22 8 42.7	3 13.3	0.773216	1225	2 5.3
6.0	4 53 36.25	1 51.45	22 11 56.0	3 9.6	0.774441	1169	1 59.2
8.0	4 55 27.70	1 52.32	22 15 5.6	3 5.6	0.775610	1112	1 53.2
10.0	4 57 20.02	1 53.12	+22 18 11.2	3 1.6	0.776722	1056	1 47.2
12.0	4 59 13.14	1 53.86	22 21 12.8	2 57.3	0.777778	1000	1 41.2
14.0	5 1 7.00	1 54.56	22 24 10.1	2 52.8	0.778778	943	1 35.3
16.0	5 3 1.56	1 55.21	22 27 2.9	2 48.3	0.779721	886	1 29.3
18.0	5 4 56.77	1 55.80	22 29 51.2	2 43.5	0.780607	829	1 23.3
20.0	5 6 52.57	1 56.36	22 32 34.7	2 38.8	0.781436	774	1 17.4
22.0	5 8 48.93	1 56.88	+22 35 13.5	2 33.8	0.782210	716	1 11.5
24.0	5 10 45.81	1 57.35	22 37 47.3	2 28.7	0.782926	661	1 5.5
26.0	5 12 43.16	1 57.79	22 40 16.0	2 23.4	0.783587	604	0 59.6
28.0	5 14 40.95	1 58.19	22 42 39.4	2 18.2	0.784191	548	0 53.7
30.0	5 16 39.14	1 58.55	22 44 57.6	2 12.7	0.784739	492	0 47.8
Juni 1.0	5 18 37.69	1 58.88	22 47 10.3	2 7.3	0.785231	435	0 41.9
3.0	5 20 36.57	1 59.16	+22 49 17.6	2 1.7	0.785666	379	0 36.0
5.0	5 22 35.73	1 59.40	22 51 19.3	1 56.0	0.786045	322	0 30.1
7.0	5 24 35.13	1 59.59	22 53 15.3	1 50.4	0.786367	264	0 24.2
9.0	5 26 34.72	1 59.74	22 55 5.7	1 44.6	0.786631	207	0 18.4
11.0	5 28 34.46	1 59.82	22 56 50.3	1 38.8	0.786838	151	0 12.5
13.0	5 30 34.28		22 58 29.1		0.786989		0 6.6

Mittlere Zeit Greenwich		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
		h m s	m s	° ′ ″	′ ″			h m
Juni	13.0	5 30 34.28	1 59.87	+22 58 29.1	1 33.0	0.786989	94	0 6.6
	15.0	5 32 34.15	1 59.88	23 0 2.1	1 27.3	0.787083	37	{ 0 0.7 23 57.8
	17.0	5 34 34.03	1 59.84	23 1 29.4	1 21.3	0.787120	20	23 51.9
	19.0	5 36 33.87	1 59.76	23 2 50.7	1 15.4	0.787100	75	23 46.1
	21.0	5 38 33.63	1 59.64	23 4 6.1	1 9.6	0.787025	132	23 40.2
	23.0	5 40 33.27	1 59.49	23 5 15.7	1 3.6	0.786893	188	23 34.3
	25.0	5 42 32.76	1 59.30	+23 6 19.3	0 57.8	0.786705	243	23 28.4
	27.0	5 44 32.06	1 59.07	23 7 17.1	0 51.8	0.786462	299	23 22.5
	29.0	5 46 31.13	1 58.82	23 8 8.9	0 46.0	0.786163	356	23 16.6
Juli	1.0	5 48 29.95	1 58.51	23 8 54.9	0 40.2	0.785807	411	23 10.7
	3.0	5 50 28.46	1 58.16	23 9 35.1	0 34.5	0.785396	467	23 4.8
	5.0	5 52 26.62	1 57.75	23 10 9.6	0 28.7	0.784929	524	22 58.9
	7.0	5 54 24.37	1 57.31	+23 10 38.3	0 23.0	0.784405	580	22 53.0
	9.0	5 56 21.68	1 56.80	23 11 1.3	0 17.5	0.783825	636	22 47.1
	11.0	5 58 18.48	1 56.26	23 11 18.8	0 12.0	0.783189	691	22 41.2
	13.0	6 0 14.74	1 55.67	23 11 30.8	0 6.5	0.782498	747	22 35.2
	15.0	6 2 10.41	1 55.03	23 11 37.3	0 1.2	0.781751	803	22 29.3
	17.0	6 4 5.44	1 54.34	23 11 38.5	0 4.0	0.780948	857	22 23.3
	19.0	6 5 59.78	1 53.62	+23 11 34.5	0 9.1	0.780091	912	22 17.3
	21.0	6 7 53.40	1 52.86	23 11 25.4	0 14.2	0.779179	966	22 11.3
	23.0	6 9 46.26	1 52.06	23 11 11.2	0 19.1	0.778213	1020	22 5.3
	25.0	6 11 38.32	1 51.23	23 10 52.1	0 23.9	0.777193	1074	21 59.3
	27.0	6 13 29.55	1 50.35	23 10 28.2	0 28.5	0.776119	1128	21 53.3
	29.0	6 15 19.90	1 49.41	23 9 59.7	0 33.1	0.774991	1183	21 47.3
	31.0	6 17 9.31	1 48.43	+23 9 26.6	0 37.6	0.773808	1236	21 41.2
Aug.	2.0	6 18 57.74	1 47.40	23 8 49.0	0 41.7	0.772572	1290	21 35.1
	4.0	6 20 45.14	1 46.31	23 8 7.3	0 45.7	0.771282	1344	21 29.0
	6.0	6 22 31.45	1 45.16	23 7 21.6	0 49.5	0.769938	1397	21 23.0
	8.0	6 24 16.61	1 43.96	23 6 32.1	0 53.3	0.768541	1450	21 16.8
	10.0	6 26 0.57	1 42.71	23 5 38.8	0 56.7	0.767091	1501	21 10.7
	12.0	6 27 43.28	1 41.40	+23 4 42.1	0 59.9	0.765590	1554	21 4.5
	14.0	6 29 24.68	1 40.05	23 3 42.2	1 3.1	0.764036	1604	20 58.3
	16.0	6 31 4.73	1 38.65	23 2 39.1	1 6.0	0.762432	1654	20 52.1
	18.0	6 32 43.38	1 37.20	23 1 33.1	1 8.7	0.760778	1705	20 45.8
	20.0	6 34 20.58	1 35.71	23 0 24.4	1 11.2	0.759073	1754	20 39.6
	22.0	6 35 56.29	1 34.16	22 59 13.2	1 13.3	0.757319	1802	20 33.3
	24.0	6 37 30.45	1 32.58	+22 57 59.9	1 15.5	0.755517	1852	20 27.0
	26.0	6 39 3.03	1 30.92	22 56 44.4	1 17.2	0.753665	1899	20 20.7
	28.0	6 40 33.95	1 29.22	22 55 27.2	1 18.9	0.751766	1947	20 14.3
	30.0	6 42 3.17	1 27.44	22 54 8.3	1 20.1	0.749819	1994	20 7.9
Sept.	1.0	6 43 30.61	1 25.61	22 52 48.2	1 21.1	0.747825	2040	20 1.5
	3.0	6 44 56.22		22 51 27.1		0.745785		19 55.0

Mittlere Zeit Greenwich		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
		h m s	m s	° ′ ″	′ ″			h m
Sept.	3.0	6 44 56.22	1 23.70	+22 51 27.1	1 21.9	0.745785	2085	19 55.0
	5.0	6 46 19.92	1 21.74	22 50 5.2	1 22.4	0.743700	2130	19 48.5
	7.0	6 47 41.66	1 19.72	22 48 42.8	1 22.6	0.741570	2172	19 42.0
	9.0	6 49 1.38	1 17.64	22 47 20.2	1 22.6	0.739398	2215	19 35.4
	11.0	6 50 19.02	1 15.49	22 45 57.6	1 22.2	0.737183	2254	19 28.8
	13.0	6 51 34.51	1 13.30	22 44 35.4	1 21.7	0.734929	2294	19 22.2
	15.0	6 52 47.81	1 11.05	+22 43 13.7	1 20.8	0.732635	2332	19 15.6
	17.0	6 53 58.86	1 8.75	22 41 52.9	1 19.7	0.730303	2368	19 8.9
	19.0	6 55 7.61	1 6.39	22 40 33.2	1 18.4	0.727935	2403	19 2.1
	21.0	6 56 14.00	1 3.98	22 39 14.8	1 16.7	0.725532	2437	18 55.3
	23.0	6 57 17.98	1 1.51	22 37 58.1	1 14.9	0.723095	2470	18 48.5
	25.0	6 58 19.49	0 58.96	22 36 43.2	1 12.7	0.720625	2501	18 41.7
	27.0	6 59 18.45	0 56.35	+22 35 30.5	1 10.2	0.718124	2531	18 34.8
	29.0	7 0 14.80	0 53.67	22 34 20.3	1 7.4	0.715593	2558	18 27.8
Okt.	1.0	7 1 8.47	0 50.92	22 33 12.9	1 4.3	0.713035	2583	18 20.8
	3.0	7 1 59.39	0 48.11	22 32 8.6	1 1.0	0.710452	2606	18 13.8
	5.0	7 2 47.50	0 45.24	22 31 7.6	0 57.5	0.707846	2626	18 6.7
	7.0	7 3 32.74	0 42.32	22 30 10.1	0 53.6	0.705220	2645	17 59.6
	9.0	7 4 15.06	0 39.34	+22 29 16.5	0 49.5	0.702575	2660	17 52.4
	11.0	7 4 54.40	0 36.31	22 28 27.0	0 45.2	0.699915	2672	17 45.2
	13.0	7 5 30.71	0 33.24	22 27 41.8	0 40.8	0.697243	2682	17 37.9
	15.0	7 6 3.95	0 30.13	22 27 1.0	0 36.2	0.694561	2689	17 30.5
	17.0	7 6 34.08	0 26.97	22 26 24.8	0 31.3	0.691872	2693	17 23.1
	19.0	7 7 1.05	0 23.78	22 25 53.5	0 26.3	0.689179	2695	17 15.7
	21.0	7 7 24.83	0 20.54	+22 25 27.2	0 21.2	0.686484	2692	17 8.2
	23.0	7 7 45.37	0 17.25	22 25 6.0	0 15.8	0.683792	2688	17 0.7
	25.0	7 8 2.62	0 13.91	22 24 50.2	0 10.3	0.681104	2679	16 53.1
	27.0	7 8 16.53	0 10.54	22 24 39.9	0 4.5	0.678425	2667	16 45.4
	29.0	7 8 27.07	0 7.13	22 24 35.4	0 1.2	0.675758	2651	16 37.7
	31.0	7 8 34.20	0 3.70	22 24 36.6	0 7.0	0.673107	2630	16 30.0
Nov.	2.0	7 8 37.90	0 0.25	+22 24 43.6	0 12.8	0.670477	2606	16 22.2
	4.0	7 8 38.15	0 3.21	22 24 56.4	0 18.7	0.667871	2577	16 14.2
	6.0	7 8 34.94	0 6.67	22 25 15.1	0 24.6	0.665294	2543	16 6.3
	8.0	7 8 28.27	0 10.12	22 25 39.7	0 30.4	0.662751	2505	15 58.3
	10.0	7 8 18.15	0 13.55	22 26 10.1	0 36.0	0.660246	2463	15 50.3
	12.0	7 8 4.60	0 16.96	22 26 46.1	0 41.7	0.657783	2416	15 42.2
	14.0	7 7 47.64	0 20.34	+22 27 27.8	0 47.2	0.655367	2365	15 34.0
	16.0	7 7 27.30	0 23.67	22 28 15.0	0 52.5	0.653002	2308	15 25.8
	18.0	7 7 3.63	0 26.98	22 29 7.5	0 57.8	0.650694	2249	15 17.5
	20.0	7 6 36.65	0 30.24	22 30 5.3	1 2.9	0.648445	2185	15 9.2
	22.0	7 6 6.41	0 33.46	22 31 8.2	1 7.8	0.646260	2115	15 0.8
	24.0	7 5 32.95		22 32 16.0		0.644145		14 52.4

Mittlere Zeit Greenwich	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log Δ	Diff.	Zeit der oberen Kulmination
	h m s	m s	° ′ ″	′ ″			h m
Nov. 24.0	7 5 32.95	0 36.61	+22 32 16.0	1 12.4	0.644145	2040	14 52.4
26.0	7 4 56.34	0 39.70	22 33 28.4	1 16.8	0.642105	1962	14 43.9
28.0	7 4 16.64	0 42.69	22 34 45.2	1 20.9	0.640143	1877	14 35.4
30.0	7 3 33.95	0 45.58	22 36 6.1	1 24.7	0.638266	1789	14 26.8
Dez. 2.0	7 2 48.37	0 48.35	22 37 30.8	1 28.2	0.636477	1695	14 18.2
4.0	7 2 0.02	0 51.01	22 38 59.0	1 31.2	0.634782	1597	14 9.5
6.0	7 1 9.01	0 53.53	+22 40 30.2	1 34.0	0.633185	1495	14 0.8
8.0	7 0 15.48	0 55.89	22 42 4.2	1 36.3	0.631690	1389	13 52.0
10.0	6 59 19.59	0 58.09	22 43 40.5	1 38.2	0.630301	1279	13 43.2
12.0	6 58 21.50	1 0.12	22 45 18.7	1 39.8	0.629022	1165	13 34.4
14.0	6 57 21.38	1 1.99	22 46 58.5	1 40.9	0.627857	1050	13 25.5
16.0	6 56 19.39	1 3.70	22 48 39.4	1 41.7	0.626807	930	13 16.6
18.0	6 55 15.69	1 5.23	+22 50 21.1	1 42.2	0.625877	810	13 7.7
20.0	6 54 10.46	1 6.57	22 52 3.3	1 42.2	0.625067	685	12 58.7
22.0	6 53 3.89	1 7.72	22 53 45.5	1 41.9	0.624382	559	12 49.7
24.0	6 51 56.17	1 8.68	22 55 27.4	1 41.3	0.623823	431	12 40.7
26.0	6 50 47.49	1 9.42	22 57 8.7	1 40.6	0.623392	301	12 31.7
28.0	6 49 38.07	1 9.97	22 58 49.3	1 39.3	0.623091	170	12 22.7
30.0	6 48 28.10	1 10.28	+23 0 28.6	1 37.5	0.622921	38	12 13.7
32.0	6 47 17.82		23 2 6.1		0.622883		12 4.7

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
Jan. 0.0	9 4 32.44	29.13	+17 33 53.0	2 23.9	0.918557	944	14 24.7
2.0	9 4 3.31	30.36	17 36 16.9	2 28.5	0.917613	890	14 16.3
4.0	9 3 32.95	31.54	17 38 45.4	2 32.9	0.916723	836	14 7.9
6.0	9 3 1.41	32.64	17 41 18.3	2 36.9	0.915887	778	13 59.6
8.0	9 2 28.77	33.67	17 43 55.2	2 40.5	0.915109	719	13 51.1
10.0	9 1 55.10	34.64	17 46 35.7	2 43.7	0.914390	658	13 42.7
12.0	9 1 20.46	35.52	+17 49 19.4	2 46.6	0.913732	597	13 34.3
14.0	9 0 44.94	36.30	17 52 6.0	2 49.0	0.913135	533	13 25.8
16.0	9 0 8.64	37.01	17 54 55.0	2 51.1	0.912602	469	13 17.3
18.0	8 59 31.63	37.64	17 57 46.1	2 52.7	0.912133	404	13 8.9
20.0	8 58 53.99	38.16	18 0 38.8	2 53.9	0.911729	339	13 0.4
22.0	8 58 15.83	38.60	18 3 32.7	2 54.6	0.911390	272	12 51.9
24.0	8 57 37.23	38.96	+18 6 27.3	2 55.2	0.911118	205	12 43.4
26.0	8 56 58.27	39.24	18 9 22.5	2 55.2	0.910913	138	12 34.9
28.0	8 56 19.03	39.42	18 12 17.7	2 54.9	0.910775	71	12 26.4
30.0	8 55 39.61	39.51	18 15 12.6	2 54.2	0.910704	3	12 17.8
Febr. 1.0	8 55 0.10	39.52	18 18 6.8	2 53.2	0.910701	64	12 9.3
3.0	8 54 20.58	39.43	18 21 0.0	2 51.8	0.910765	132	12 0.8
5.0	8 53 41.15	39.27	+18 23 51.8	2 50.0	0.910897	199	11 52.3
7.0	8 53 1.88	38.99	18 26 41.8	2 47.9	0.911096	267	11 43.8
9.0	8 52 22.89	38.62	18 29 29.7	2 45.3	0.911363	333	11 35.3
11.0	8 51 44.27	38.18	18 32 15.0	2 42.3	0.911696	399	11 26.8
13.0	8 51 6.09	37.62	18 34 57.3	2 39.1	0.912095	464	11 18.3
15.0	8 50 28.47	36.99	18 37 36.4	2 35.5	0.912559	528	11 9.8
17.0	8 49 51.48	36.26	+18 40 11.9	2 31.6	0.913087	590	11 1.3
19.0	8 49 15.22	35.45	18 42 43.5	2 27.5	0.913677	651	10 52.8
21.0	8 48 39.77	34.58	18 45 11.0	2 23.1	0.914328	711	10 44.4
23.0	8 48 5.19	33.62	18 47 34.1	2 18.4	0.915039	769	10 36.0
25.0	8 47 31.57	32.60	18 49 52.5	2 13.6	0.915808	826	10 27.5
27.0	8 46 58.97	31.52	18 52 6.1	2 8.4	0.916634	881	10 19.1
März 1.0	8 46 27.45	30.36	+18 54 14.5	2 3.1	0.917515	935	10 10.7
3.0	8 45 57.09	29.15	18 56 17.6	1 57.7	0.918450	986	10 2.4
5.0	8 45 27.94	27.87	18 58 15.3	1 52.1	0.919436	1036	9 54.1
7.0	8 45 0.07	26.52	19 0 7.4	1 46.1	0.920472	1085	9 45.7
9.0	8 44 33.55	25.12	19 1 53.5	1 40.0	0.921557	1131	9 37.4
11.0	8 44 8.43	23.67	19 3 33.5	1 33.9	0.922688	1176	9 29.2
13.0	8 43 44.76	22.16	+19 5 7.4	1 27.5	0.923864	1217	9 20.9
15.0	8 43 22.60	20.61	19 6 34.9	1 21.1	0.925081	1257	9 12.7
17.0	8 43 1.99	19.02	19 7 56.0	1 14.4	0.926338	1295	9 4.5
19.0	8 42 42.97	17.39	19 9 10.4	1 7.9	0.927633	1329	8 56.3
21.0	8 42 25.58	15.74	19 10 18.3	1 1.2	0.928962	1363	8 48.2
23.0	8 42 9.84		19 11 19.5		0.930325		8 40.0

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
März 23.0	8 42 9.84	14.06	+19 11 19.5	0 54.4	0.930325	1393	8 40.0
25.0	8 41 55.78	12.37	19 12 13.9	0 47.6	0.931718	1421	8 31.9
27.0	8 41 43.41	10.65	19 13 1.5	0 40.9	0.933139	1448	8 23.9
29.0	8 41 32.76	8.91	19 13 42.4	0 34.1	0.934587	1472	8 15.9
31.0	8 41 23.85	7.17	19 14 16.5	0 27.2	0.936059	1494	8 7.8
April 2.0	8 41 16.68	5.40	19 14 43.7	0 20.3	0.937553	1514	7 59.9
4.0	8 41 11.28	3.64	+19 15 4.0	0 13.5	0.939067	1533	7 51.9
6.0	8 41 7.64	1.84	19 15 17.5	0 6.5	0.940600	1548	7 44.0
8.0	8 41 5.80	0.06	19 15 24.0	0 0.4	0.942148	1563	7 36.1
10.0	8 41 5.74	1.74	19 15 23.6	0 7.3	0.943711	1574	7 28.3
12.0	8 41 7.48	3.54	19 15 16.3	0 14.2	0.945285	1583	7 20.4
14.0	8 41 11.02	5.33	19 15 2.1	0 21.1	0.946868	1590	7 12.6
16.0	8 41 16.35	7.10	+19 14 41.0	0 27.9	0.948458	1596	7 4.8
18.0	8 41 23.45	8.86	19 14 13.1	0 34.6	0.950054	1599	6 57.1
20.0	8 41 32.31	10.61	19 13 38.5	0 41.3	0.951653	1601	6 49.4
22.0	8 41 42.92	12.34	19 12 57.2	0 47.9	0.953254	1600	6 41.7
24.0	8 41 55.26	14.05	19 12 9.3	0 54.5	0.954854	1598	6 34.1
26.0	8 42 9.31	15.74	19 11 14.8	1 1.0	0.956452	1594	6 26.4
28.0	8 42 25.05	17.41	+19 10 13.8	1 7.4	0.958046	1589	6 18.8
30.0	8 42 42.46	19.07	19 9 6.4	1 13.8	0.959635	1583	6 11.3
Mai 2.0	8 43 1.53	20.69	19 7 52.6	1 20.2	0.961218	1574	6 3.7
4.0	8 43 22.22	22.31	19 6 32.4	1 26.5	0.962792	1564	5 56.2
6.0	8 43 44.53	23.90	19 5 5.9	1 32.8	0.964356	1553	5 48.7
8.0	8 44 8.43	25.47	19 3 33.1	1 39.0	0.965909	1540	5 41.2
10.0	8 44 33.90	27.01	+19 1 54.1	1 45.1	0.967449	1525	5 33.8
12.0	8 45 0.91	28.53	19 0 9.0	1 51.1	0.968974	1509	5 26.4
14.0	8 45 29.44	30.00	18 58 17.9	1 57.0	0.970483	1492	5 19.0
16.0	8 45 59.44	31.45	18 56 20.9	2 2.9	0.971975	1474	5 11.6
18.0	8 46 30.89	32.85	18 54 18.0	2 8.6	0.973449	1453	5 4.3
20.0	8 47 3.74	34.23	18 52 9.4	2 14.3	0.974902	1432	4 57.0
22.0	8 47 37.97	35.56	+18 49 55.1	2 19.8	0.976334	1411	4 49.7
24.0	8 48 13.53	36.88	18 47 35.3	2 25.3	0.977745	1388	4 42.4
26.0	8 48 50.41	38.14	18 45 10.0	2 30.6	0.979133	1363	4 35.2
28.0	8 49 28.55	39.38	18 42 39.4	2 35.9	0.980496	1339	4 27.9
30.0	8 50 7.93	40.60	18 40 3.5	2 41.2	0.981835	1314	4 20.7
Juni 1.0	8 50 48.53	41.79	18 37 22.3	2 46.4	0.983149	1287	4 13.5
3.0	8 51 30.32	42.93	+18 34 35.9	2 51.5	0.984436	1259	4 6.4
5.0	8 52 13.25	44.06	18 31 44.4	2 56.5	0.985695	1231	3 59.2
7.0	8 52 57.31	45.13	18 28 47.9	3 1.3	0.986926	1201	3 52.1
9.0	8 53 42.44	46.19	18 25 46.6	3 6.2	0.988127	1171	3 45.0
11.0	8 54 28.63	47.19	18 22 40.4	3 10.8	0.989298	1140	3 37.9
13.0	8 55 15.82		18 19 29.6		0.990438		3 30.8

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
Juni 13.0	8 55 15.82	48.16	+18 19 29.6	3 15.4	0.990438	1108	3 30.8
15.0	8 56 3.98	49.09	18 16 14.2	3 19.8	0.991546	1076	3 23.7
17.0	8 56 53.07	49.98	18 12 54.4	3 24.1	0.992622	1042	3 16.7
19.0	8 57 43.05	50.83	18 9 30.3	3 28.3	0.993664	1009	3 9.7
21.0	8 58 33.88	51.66	18 6 2.0	3 32.4	0.994673	975	3 2.6
23.0	8 59 25.54	52.44	18 2 29.6	3 36.5	0.995648	941	2 55.6
25.0	9 0 17.98	53.19	+17 58 53.1	3 40.4	0.996589	906	2 48.6
27.0	9 1 11.17	53.92	17 55 12.7	3 44.1	0.997495	870	2 41.7
29.0	9 2 5.09	54.61	17 51 28.6	3 47.9	0.998365	835	2 34.7
Juli 1.0	9 2 59.70	55.27	17 47 40.7	3 51.6	0.999200	798	2 27.7
3.0	9 3 54.97	55.90	17 43 49.1	3 55.1	0.999998	761	2 20.8
5.0	9 4 50.87	56.48	17 39 54.0	3 58.4	1.000759	724	2 13.8
7.0	9 5 47.35	57.04	+17 35 55.6	4 1.7	1.001483	686	2 6.9
9.0	9 6 44.39	57.56	17 31 53.9	4 4.8	1.002169	648	2 0.0
11.0	9 7 41.95	58.04	17 27 49.1	4 7.7	1.002817	609	1 53.1
13.0	9 8 39.99	58.47	17 23 41.4	4 10.6	1.003426	570	1 46.2
15.0	9 9 38.46	58.89	17 19 30.8	4 13.2	1.003996	531	1 39.3
17.0	9 10 37.35	59.25	17 15 17.6	4 15.8	1.004527	491	1 32.4
19.0	9 11 36.60	59.60	+17 11 1.8	4 18.2	1.005018	452	1 25.5
21.0	9 12 36.20	59.90	17 6 43.6	4 20.6	1.005470	413	1 18.6
23.0	9 13 36.10	60.16	17 2 23.0	4 22.7	1.005883	373	1 11.8
25.0	9 14 36.26	60.40	16 58 0.3	4 24.7	1.006256	333	1 4.9
27.0	9 15 36.66	60.63	16 53 35.6	4 26.6	1.006589	293	0 58.1
29.0	9 16 37.29	60.80	16 49 9.0	4 28.4	1.006882	252	0 51.2
31.0	9 17 38.09	60.96	+16 44 40.6	4 30.1	1.007134	212	0 44.3
Aug. 2.0	9 18 39.05	61.08	16 40 10.5	4 31.6	1.007346	171	0 37.5
4.0	9 19 40.13	61.16	16 35 38.9	4 32.9	1.007517	130	0 30.6
6.0	9 20 41.29	61.21	16 31 6.0	4 34.0	1.007647	89	0 23.8
8.0	9 21 42.50	61.22	16 26 32.0	4 34.9	1.007736	48	0 16.9
10.0	9 22 43.72	61.18	16 21 57.1	4 35.8	1.007784	6	0 10.1
12.0	9 23 44.90	61.13	+16 17 21.3	4 36.5	1.007790	— 35	0 3.2 23 59.8
14.0	9 24 46.03	61.03	16 12 44.8	4 36.8	1.007755	76	23 53.0
16.0	9 25 47.06	60.90	16 8 8.0	4 37.1	1.007679	117	23 46.1
18.0	9 26 47.96	60.74	16 3 30.9	4 37.2	1.007562	158	23 39.2
20.0	9 27 48.70	60.55	15 58 53.7	4 37.2	1.007404	199	23 32.4
22.0	9 28 49.25	60.34	15 54 16.5	4 37.0	1.007205	239	23 25.5
24.0	9 29 49.59	60.08	+15 49 39.5	4 36.7	1.006966	280	23 18.7
26.0	9 30 49.67	59.81	15 45 2.8	4 36.2	1.006686	321	23 11.8
28.0	9 31 49.48	59.50	15 40 26.6	4 35.6	1.006365	361	23 4.9
30.0	9 32 48.98	59.16	15 35 51.0	4 34.5	1.006004	403	22 58.0
Sept. 1.0	9 33 48.14	58.77	15 31 16.5	4 33.5	1.005601	442	22 51.1
3.0	9 34 46.91		15 26 43.0		1.005159		22 44.2

Mittlere Zeit Greenwich	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log Δ	Diff.	Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
Sept. 3.0	9 34 46.91	58.35	+15 26 43.0	4 32.1	1.005159	483	22 44.2
5.0	9 35 45.26	57.90	15 22 10.9	4 30.6	1.004676	524	22 37.4
7.0	9 36 43.16	57.42	15 17 40.3	4 28.9	1.004152	563	22 30.4
9.0	9 37 40.58	56.89	15 13 11.4	4 26.9	1.003589	603	22 23.5
11.0	9 38 37.47	56.32	15 8 44.5	4 24.8	1.002986	642	22 16.6
13.0	9 39 33.79	55.73	15 4 19.7	4 22.4	1.002344	682	22 9.7
15.0	9 40 29.52	55.10	+14 59 57.3	4 19.9	1.001662	719	22 2.7
17.0	9 41 24.62	54.45	14 55 37.4	4 17.3	1.000943	757	21 55.8
19.0	9 42 19.07	53.77	14 51 20.1	4 14.2	1.000186	795	21 48.8
21.0	9 43 12.84	53.06	14 47 5.9	4 11.2	0.999391	832	21 41.8
23.0	9 44 5.90	52.31	14 42 54.7	4 7.8	0.998559	869	21 34.9
25.0	9 44 58.21	51.53	14 38 46.9	4 4.4	0.997690	906	21 27.9
27.0	9 45 49.74	50.71	+14 34 42.5	4 0.6	0.996784	941	21 20.8
29.0	9 46 40.45	49.86	14 30 41.9	3 56.6	0.995843	978	21 13.8
Okt. 1.0	9 47 30.31	48.97	14 26 45.3	3 52.4	0.994865	1012	21 6.8
3.0	9 48 19.28	48.04	14 22 52.9	3 48.0	0.993853	1047	20 59.7
5.0	9 49 7.32	47.08	14 19 4.9	3 43.2	0.992806	1081	20 52.6
7.0	9 49 54.40	46.09	14 15 21.7	3 38.3	0.991725	1114	20 45.5
9.0	9 50 40.49	45.05	+14 11 43.4	3 33.2	0.990611	1146	20 38.4
11.0	9 51 25.54	43.98	14 8 10.2	3 27.9	0.989465	1177	20 31.3
13.0	9 52 9.52	42.88	14 4 42.3	3 22.3	0.988288	1208	20 24.2
15.0	9 52 52.40	41.76	14 1 20.0	3 16.6	0.987080	1237	20 17.0
17.0	9 53 34.16	40.60	13 58 3.4	3 10.7	0.985843	1266	20 9.8
19.0	9 54 14.76	39.41	13 54 52.7	3 4.6	0.984577	1294	20 2.6
21.0	9 54 54.17	38.20	+13 51 48.1	2 58.3	0.983283	1320	19 55.4
23.0	9 55 32.37	36.96	13 48 49.8	2 51.8	0.981963	1346	19 48.2
25.0	9 56 9.33	35.67	13 45 58.0	2 45.0	0.980617	1372	19 40.9
27.0	9 56 45.00	34.36	13 43 13.0	2 37.9	0.979245	1396	19 33.6
29.0	9 57 19.36	33.01	13 40 35.1	2 30.8	0.977849	1418	19 26.3
31.0	9 57 52.37	31.62	13 38 4.3	2 23.4	0.976431	1440	19 19.0
Nov. 2.0	9 58 23.99	30.20	+13 35 40.9	2 15.8	0.974991	1460	19 11.6
4.0	9 58 54.19	28.76	13 33 25.1	2 8.0	0.973531	1479	19 4.3
6.0	9 59 22.95	27.28	13 31 17.1	2 0.0	0.972052	1496	18 56.9
8.0	9 59 50.23	25.78	13 29 17.1	1 51.9	0.970556	1512	18 49.5
10.0	10 0 16.01	24.26	13 27 25.2	1 43.8	0.969044	1526	18 42.0
12.0	10 0 40.27	22.72	13 25 41.4	1 35.3	0.967518	1539	18 34.6
14.0	10 1 2.99	21.15	+13 24 6.1	1 26.7	0.965979	1549	18 27.1
16.0	10 1 24.14	19.57	13 22 39.4	1 18.2	0.964430	1560	18 19.5
18.0	10 1 43.71	17.95	13 21 21.2	1 9.4	0.962870	1567	18 12.0
20.0	10 2 1.66	16.34	13 20 11.8	1 0.5	0.961303	1573	18 4.4
22.0	10 2 18.00	14.69	13 19 11.3	0 51.5	0.959730	1578	17 56.8
24.0	10 2 32.69		13 18 19.8		0.958152		17 49.2

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
Nov. 24.0	10 2 32.69	13.03	+13 18 19.8	0 42.4	0.958152	1581	17 49.2
26.0	10 2 45.72	11.33	13 17 37.4	0 33.2	0.956571	1582	17 41.5
28.0	10 2 57.05	9.64	13 17 4.2	0 23.8	0.954989	1581	17 33.8
30.0	10 3 6.69	7.92	13 16 40.4	0 14.5	0.953408	1577	17 26.1
Dez. 2.0	10 3 14.61	6.19	13 16 25.9	0 5.0	0.951831	1573	17 18.4
4.0	10 3 20.80	4.46	13 16 20.9	0 4.3	0.950258	1565	17 10.6
6.0	10 3 25.26	2.72	+13 16 25.2	0 13.7	0.948693	1555	17 2.8
8.0	10 3 27.98	0.99	13 16 38.9	0 23.2	0.947138	1543	16 55.0
10.0	10 3 28.97	0.74	13 17 2.1	0 32.5	0.945595	1529	16 47.1
12.0	10 3 28.23	2.46	13 17 34.6	0 41.7	0.944066	1513	16 39.2
14.0	10 3 25.77	4.17	13 18 16.3	0 50.9	0.942553	1494	16 31.3
16.0	10 3 21.60	5.88	13 19 7.2	1 0.0	0.941059	1473	16 23.4
18.0	10 3 15.72	7.57	+13 20 7.2	1 9.1	0.939586	1452	16 15.4
20.0	10 3 8.15	9.26	13 21 16.3	1 17.9	0.938134	1426	16 7.4
22.0	10 2 58.89	10.92	13 22 34.2	1 26.8	0.936708	1400	15 59.4
24.0	10 2 47.97	12.58	13 24 1.0	1 35.4	0.935308	1370	15 51.3
26.0	10 2 35.39	14.21	13 25 36.4	1 44.0	0.933938	1338	15 43.2
28.0	10 2 21.18	15.82	13 27 20.4	1 52.2	0.932600	1305	15 35.1
30.0	10 2 5.36	17.40	+13 29 12.6	2 0.4	0.931295	1268	15 27.0
32.0	10 1 47.96		13 31 13.0		0.930027		15 18.8

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
Jan. 0.0	21 35 49.54	21.98	−15 3 23.1	1 50.8	1.316192	480	2 58.0
2.0	21 36 11.52	22.45	15 1 32.3	1 53.2	1.316672	461	2 50.5
4.0	21 36 33.97	22.89	14 59 39.1	1 55.5	1.317133	442	2 43.0
6.0	21 36 56.86	23.31	14 57 43.6	1 57.5	1.317575	422	2 35.5
8.0	21 37 20.17	23.72	14 55 46.1	1 59.6	1.317997	401	2 28.0
10.0	21 37 43.89	24.10	14 53 46.5	2 1.6	1.318398	381	2 20.6
12.0	21 38 7.99	24.45	−14 51 44.9	2 3.4	1.318779	360	2 13.1
14.0	21 38 32.44	24.78	14 49 41.5	2 5.1	1.319139	338	2 5.7
16.0	21 38 57.22	25.10	14 47 36.4	2 6.7	1.319477	317	1 58.2
18.0	21 39 22.32	25.38	14 45 29.7	2 8.2	1.319794	295	1 50.8
20.0	21 39 47.70	25.65	14 43 21.5	2 9.6	1.320089	273	1 43.3
22.0	21 40 13.35	25.88	14 41 11.9	2 10.8	1.320362	250	1 35.9
24.0	21 40 39.23	26.10	−14 39 1.1	2 12.0	1.320612	228	1 28.4
26.0	21 41 5.33	26.30	14 36 49.1	2 13.1	1.320840	205	1 21.0
28.0	21 41 31.63	26.47	14 34 36.0	2 14.0	1.321045	183	1 13.6
30.0	21 41 58.10	26.62	14 32 22.0	2 14.9	1.321228	160	1 6.2
Febr. 1.0	21 42 24.72	26.76	14 30 7.1	2 15.6	1.321388	136	0 58.8
3.0	21 42 51.48	26.86	14 27 51.5	2 16.3	1.321524	113	0 51.3
5.0	21 43 18.34	26.95	−14 25 35.2	2 16.9	1.321637	90	0 43.9
7.0	21 43 45.29	27.01	14 23 18.3	2 17.2	1.321727	67	0 36.5
9.0	21 44 12.30	27.05	14 21 1.1	2 17.4	1.321794	43	0 29.1
11.0	21 44 39.35	27.06	14 18 43.7	2 17.6	1.321837	19	0 21.7
13.0	21 45 6.41	27.06	14 16 26.1	2 17.7	1.321856	−4	0 14.3
15.0	21 45 33.47	27.02	14 14 8.4	2 17.6	1.321852	27	0 6.8
17.0	21 46 0.49	26.96	−14 11 50.8	2 17.3	1.321825	51	23 55.7
19.0	21 46 27.45	26.88	14 9 33.5	2 17.0	1.321774	74	23 48.3
21.0	21 46 54.33	26.77	14 7 16.5	2 16.6	1.321700	98	23 40.9
23.0	21 47 21.10	26.65	14 4 59.9	2 16.0	1.321602	120	23 33.5
25.0	21 47 47.75	26.51	14 2 43.9	2 15.3	1.321482	143	23 26.1
27.0	21 48 14.26	26.34	14 0 28.6	2 14.6	1.321339	165	23 18.6
März 1.0	21 48 40.60	26.16	−13 58 14.0	2 13.7	1.321174	188	23 11.2
3.0	21 49 6.76	25.95	13 56 0.3	2 12.7	1.320986	210	23 3.7
5.0	21 49 32.71	25.72	13 53 47.6	2 11.6	1.320776	232	22 56.3
7.0	21 49 58.43	25.48	13 51 36.0	2 10.4	1.320544	255	22 48.8
9.0	21 50 23.91	25.21	13 49 25.6	2 9.0	1.320289	276	22 41.4
11.0	21 50 49.12	24.91	13 47 16.6	2 7.6	1.320013	297	22 33.9
13.0	21 51 14.03	24.60	−13 45 9.0	2 6.0	1.319716	319	22 26.5
15.0	21 51 38.63	24.26	13 43 3.0	2 4.3	1.319397	339	22 19.0
17.0	21 52 2.89	23.91	13 40 58.7	2 2.4	1.319058	360	22 11.6
19.0	21 52 26.80	23.53	13 38 56.3	2 0.5	1.318698	380	22 4.1
21.0	21 52 50.33	23.13	13 36 55.8	1 58.5	1.318318	399	21 56.7
23.0	21 53 13.46		13 34 57.3		1.317919		21 49.2

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
März 23.0	21 53 13.46	22.73	−13 34 57.3	1 56.4	1.317919	418	21 49.2
25.0	21 53 36.19	22.30	13 33 0.9	1 54.1	1.317501	437	21 41.7
27.0	21 53 58.49	21.85	13 31 6.8	1 51.8	1.317064	456	21 34.2
29.0	21 54 20.34	21.39	13 29 15.0	1 49.5	1.316608	473	21 26.7
31.0	21 54 41.73	20.91	13 27 25.5	1 47.0	1.316135	491	21 19.2
April 2.0	21 55 2.64	20.42	13 25 38.5	1 44.4	1.315644	507	21 11.7
4.0	21 55 23.06	19.91	−13 23 54.1	1 41.7	1.315137	524	21 4.1
6.0	21 55 42.97	19.38	13 22 12.4	1 38.9	1.314613	540	20 56.6
8.0	21 56 2.35	18.83	13 20 33.5	1 35.9	1.314073	556	20 49.0
10.0	21 56 21.18	18.27	13 18 57.6	1 33.0	1.313517	571	20 41.5
12.0	21 56 39.45	17.68	13 17 24.6	1 29.9	1.312946	585	20 33.9
14.0	21 56 57.13	17.09	13 15 54.7	1 26.8	1.312361	599	20 26.3
16.0	21 57 14.22	16.48	−13 14 27.9	1 23.5	1.311762	612	20 18.7
18.0	21 57 30.70	15.87	13 13 4.4	1 20.2	1.311150	624	20 11.1
20.0	21 57 46.57	15.23	13 11 44.2	1 16.8	1.310526	636	20 3.5
22.0	21 58 1.80	14.59	13 10 27.4	1 13.4	1.309890	647	19 55.9
24.0	21 58 16.39	13.94	13 9 14.0	1 9.9	1.309243	657	19 48.3
26.0	21 58 30.33	13.27	13 8 4.1	1 6.3	1.308586	667	19 40.7
28.0	21 58 43.60	12.60	−13 6 57.8	1 2.8	1.307919	677	19 33.0
30.0	21 58 56.20	11.92	13 5 55.0	0 59.1	1.307242	685	19 25.4
Mai 2.0	21 59 8.12	11.23	13 4 55.9	0 55.4	1.306557	692	19 17.7
4.0	21 59 19.35	10.52	13 4 0.5	0 51.5	1.305865	700	19 10.0
6.0	21 59 29.87	9.81	13 3 9.0	0 47.7	1.305165	707	19 2.3
8.0	21 59 39.68	9.09	13 2 21.3	0 43.8	1.304458	712	18 54.6
10.0	21 59 48.77	8.36	−13 1 37.5	0 39.8	1.303746	717	18 46.9
12.0	21 59 57.13	7.62	13 0 57.7	0 35.9	1.303029	720	18 39.2
14.0	22 0 4.75	6.88	13 0 21.8	0 31.9	1.302309	724	18 31.4
16.0	22 0 11.63	6.13	12 59 49.9	0 27.9	1.301585	726	18 23.7
18.0	22 0 17.76	5.38	12 59 22.0	0 23.9	1.300859	728	18 15.9
20.0	22 0 23.14	4.64	12 58 58.1	0 19.9	1.300131	728	18 8.1
22.0	22 0 27.78	3.89	−12 58 38.2	0 15.8	1.299403	728	18 0.3
24.0	22 0 31.67	3.14	12 58 22.4	0 11.8	1.298675	727	17 52.5
26.0	22 0 34.81	2.39	12 58 10.6	0 7.8	1.297948	726	17 44.7
28.0	22 0 37.20	1.64	12 58 2.8	0 3.7	1.297222	723	17 36.9
30.0	22 0 38.84	0.88	12 57 59.1	0 0.3	1.296499	720	17 29.0
Juni 1.0	22 0 39.72	0.13	12 57 59.4	0 4.3	1.295779	716	17 21.2
3.0	22 0 39.85	0.62	−12 58 3.7	0 8.3	1.295063	711	17 13.3
5.0	22 0 39.23	1.37	12 58 12.0	0 12.4	1.294352	705	17 5.4
7.0	22 0 37.86	2.12	12 58 24.4	0 16.4	1.293647	698	16 57.5
9.0	22 0 35.74	2.85	12 58 40.8	0 20.3	1.292949	691	16 49.6
11.0	22 0 32.89	3.59	12 59 1.1	0 24.2	1.292258	682	16 41.7
13.0	22 0 29.30		12 59 25.3		1.291576		16 33.8

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
Juni 13.0	22 0 29.30	4.32	−12 59 25.3	0 28.0	1.291576	673	16 33.8
15.0	22 0 24.98	5.03	12 59 53.3	0 31.8	1.290903	663	16 25.9
17.0	22 0 19.95	5.74	13 0 25.1	0 35.5	1.290240	651	16 17.9
19.0	22 0 14.21	6.43	13 1 0.6	0 39.2	1.289589	640	16 9.9
21.0	22 0 7.78	7.12	13 1 39.8	0 42.7	1.288949	627	16 1.9
23.0	22 0 0.66	7.79	13 2 22.5	0 46.2	1.288322	614	15 54.0
25.0	21 59 52.87	8.44	−13 3 8.7	0 49.7	1.287708	599	15 46.0
27.0	21 59 44.43	9.10	13 3 58.4	0 53.0	1.287109	585	15 38.0
29.0	21 59 35.33	9.73	13 4 51.4	0 56.3	1.286524	569	15 30.0
Juli 1.0	21 59 25.60	10.35	13 5 47.7	0 59.5	1.285955	553	15 21.9
3.0	21 59 15.25	10.96	13 6 47.2	1 2.7	1.285402	536	15 13.9
5.0	21 59 4.29	11.55	13 7 49.9	1 5.7	1.284866	517	15 5.8
7.0	21 58 52.74	12.13	−13 8 55.6	1 8.5	1.284349	499	14 57.8
9.0	21 58 40.61	12.68	13 10 4.1	1 11.3	1.283850	480	14 49.7
11.0	21 58 27.93	13.21	13 11 15.4	1 14.0	1.283370	459	14 41.7
13.0	21 58 14.72	13.71	13 12 29.4	1 16.5	1.282911	438	14 33.6
15.0	21 58 1.01	14.20	13 13 45.9	1 18.8	1.282473	417	14 25.5
17.0	21 57 46.81	14.67	13 15 4.7	1 21.1	1.282056	395	14 17.4
19.0	21 57 32.14	15.10	−13 16 25.8	1 23.3	1.281661	373	14 9.3
21.0	21 57 17.04	15.51	13 17 49.1	1 25.2	1.281288	350	14 1.1
23.0	21 57 1.53	15.90	13 19 14.3	1 27.1	1.280938	326	13 53.0
25.0	21 56 45.63	16.28	13 20 41.4	1 28.8	1.280612	303	13 44.9
27.0	21 56 29.35	16.62	13 22 10.2	1 30.4	1.280309	278	13 36.8
29.0	21 56 12.73	16.94	13 23 40.6	1 31.9	1.280031	253	13 28.6
31.0	21 55 55.79	17.24	−13 25 12.5	1 33.2	1.279778	228	13 20.5
Aug. 2.0	21 55 38.55	17.50	13 26 45.7	1 34.3	1.279550	202	13 12.3
4.0	21 55 21.05	17.73	13 28 20.0	1 35.2	1.279348	176	13 4.2
6.0	21 55 3.32	17.94	13 29 55.2	1 36.1	1.279172	150	12 56.0
8.0	21 54 45.38	18.12	13 31 31.3	1 36.7	1.279022	123	12 47.9
10.0	21 54 27.26	18.26	13 33 8.0	1 37.2	1.278899	96	12 39.7
12.0	21 54 9.00	18.38	−13 34 45.2	1 37.5	1.278803	70	12 31.5
14.0	21 53 50.62	18.46	13 36 22.7	1 37.7	1.278733	43	12 23.3
16.0	21 53 32.16	18.51	13 38 0.4	1 37.6	1.278690	15	12 15.2
18.0	21 53 13.65	18.53	13 39 38.0	1 37.5	1.278675	12	12 7.0
20.0	21 52 55.12	18.52	13 41 15.5	1 37.1	1.278687	39	11 58.8
22.0	21 52 36.60	18.49	13 42 52.6	1 36.7	1.278726	66	11 50.6
24.0	21 52 18.11	18.42	−13 44 29.3	1 36.0	1.278792	93	11 42.5
26.0	21 51 59.69	18.33	13 46 5.3	1 35.3	1.278885	120	11 34.3
28.0	21 51 41.36	18.21	13 47 40.6	1 34.4	1.279005	146	11 26.2
30.0	21 51 23.15	18.05	13 49 15.0	1 33.2	1.279151	174	11 18.0
Sept. 1.0	21 51 5.10	17.86	13 50 48.2	1 32.0	1.279325	200	11 9.9
3.0	21 50 47.24		13 52 20.2		1.279525		11 1.7

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
Sept. 3.0	21 50 47.24	17.64	−13 52 20.2	1 30.6	1.279525	226	11 1.7
5.0	21 50 29.60	17.40	13 53 50.8	1 29.0	1.279751	253	10 53.5
7.0	21 50 12.20	17.12	13 55 19.8	1 27.3	1.280004	278	10 45.4
9.0	21 49 55.08	16.80	13 56 47.1	1 25.4	1.280282	304	10 37.2
11.0	21 49 38.28	16.46	13 58 12.5	1 23.4	1.280586	328	10 29.1
13.0	21 49 21.82	16.10	13 59 35.9	1 21.2	1.280914	353	10 20.9
15.0	21 49 5.72	15.70	−14 0 57.1	1 19.0	1.281267	377	10 12.8
17.0	21 48 50.02	15.28	14 2 16.1	1 16.6	1.281644	400	10 4.7
19.0	21 48 34.74	14.84	14 3 32.7	1 14.1	1.282044	422	9 56.6
21.0	21 48 19.90	14.38	14 4 46.8	1 11.4	1.282466	445	9 48.5
23.0	21 48 5.52	13.88	14 5 58.2	1 8.7	1.282911	466	9 40.4
25.0	21 47 51.64	13.36	14 7 6.9	1 5.9	1.283377	488	9 32.3
27.0	21 47 38.28	12.83	−14 8 12.8	1 2.9	1.283865	508	9 24.2
29.0	21 47 25.45	12.27	14 9 15.7	0 59.9	1.284373	528	9 16.1
Okt. 1.0	21 47 13.18	11.68	14 10 15.6	0 56.6	1.284901	547	9 8.1
3.0	21 47 1.50	11.08	14 11 12.2	0 53.4	1.285448	565	9 0.0
5.0	21 46 50.42	10.45	14 12 5.6	0 50.0	1.286013	583	8 52.0
7.0	21 46 39.97	9.79	14 12 55.6	0 46.5	1.286596	600	8 43.9
9.0	21 46 30.18	9.13	−14 13 42.1	0 42.9	1.287196	616	8 35.9
11.0	21 46 21.05	8.45	14 14 25.0	0 39.4	1.287812	630	8 27.9
13.0	21 46 12.60	7.75	14 15 4.4	0 35.7	1.288442	644	8 19.9
15.0	21 46 4.85	7.04	14 15 40.1	0 32.0	1.289086	658	8 11.9
17.0	21 45 57.81	6.32	14 16 12.1	0 28.2	1.289744	671	8 3.9
19.0	21 45 51.49	5.59	14 16 40.3	0 24.4	1.290415	682	7 55.9
21.0	21 45 45.90	4.85	−14 17 4.7	0 20.5	1.291097	693	7 48.0
23.0	21 45 41.05	4.10	14 17 25.2	0 16.6	1.291790	702	7 40.0
25.0	21 45 36.95	3.34	14 17 41.8	0 12.6	1.292492	712	7 32.1
27.0	21 45 33.61	2.56	14 17 54.4	0 8.7	1.293204	720	7 24.2
29.0	21 45 31.05	1.78	14 18 3.1	0 4.6	1.293924	727	7 16.3
31.0	21 45 29.27	1.00	14 18 7.7	0 0.6	1.294651	734	7 8.4
Nov. 2.0	21 45 28.27	0.20	−14 18 8.3	0 3.5	1.295385	739	7 0.5
4.0	21 45 28.07	0.59	14 18 4.8	0 7.6	1.296124	743	6 52.6
6.0	21 45 28.66	1.40	14 17 57.2	0 11.8	1.296867	747	6 44.8
8.0	21 45 30.06	2.20	14 17 45.4	0 15.8	1.297614	750	6 37.0
10.0	21 45 32.26	3.00	14 17 29.6	0 19.9	1.298364	751	6 29.2
12.0	21 45 35.26	3.79	14 17 9.7	0 23.9	1.299115	751	6 21.3
14.0	21 45 39.05	4.58	−14 16 45.8	0 28.0	1.299866	751	6 13.5
16.0	21 45 43.63	5.38	14 16 17.8	0 32.1	1.300617	750	6 5.7
18.0	21 45 49.01	6.16	14 15 45.7	0 36.1	1.301367	748	5 58.0
20.0	21 45 55.17	6.95	14 15 9.6	0 40.0	1.302115	746	5 50.2
22.0	21 46 2.12	7.72	14 14 29.6	0 44.0	1.302861	742	5 42.5
24.0	21 46 9.84		14 13 45.6		1.303603		5 34.7

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
Nov. 24.0	21 46 9.84	8.50	−14 13 45.6	0 48.0	1.303603	737	5 34.7
26.0	21 46 18.34	9.27	14 12 57.6	0 51.9	1.304340	732	5 27.0
28.0	21 46 27.61	10.02	14 12 5.7	0 55.7	1.305072	726	5 19.3
30.0	21 46 37.63	10.77	14 11 10.0	0 59.6	1.305798	719	5 11.6
Dez. 2.0	21 46 48.40	11.52	14 10 10.4	1 3.3	1.306517	711	5 3.9
4.0	21 46 59.92	12.25	14 9 7.1	1 7.1	1.307228	702	4 56.2
6.0	21 47 12.17	12.96	−14 8 0.0	1 10.8	1.307930	693	4 48.5
8.0	21 47 25.13	13.67	14 6 49.2	1 14.4	1.308623	682	4 40.9
10.0	21 47 38.80	14.37	14 5 34.8	1 17.9	1.309305	672	4 33.3
12.0	21 47 53.17	15.04	14 4 16.9	1 21.4	1.309977	660	4 25.7
14.0	21 48 8.21	15.70	14 2 55.5	1 24.8	1.310637	648	4 18.1
16.0	21 48 23.91	16.34	14 1 30.7	1 28.0	1.311285	634	4 10.5
18.0	21 48 40.25	16.97	−14 0 2.7	1 31.3	1.311919	621	4 2.9
20.0	21 48 57.22	17.58	13 58 31.4	1 34.5	1.312540	607	3 55.3
22.0	21 49 14.80	18.18	13 56 56.9	1 37.6	1.313147	592	3 47.7
24.0	21 49 32.98	18.77	13 55 19.3	1 40.6	1.313739	576	3 40.2
26.0	21 49 51.75	19.33	13 53 38.7	1 43.6	1.314315	560	3 32.6
28.0	21 50 11.08	19.88	13 51 55.1	1 46.4	1.314875	544	3 25.1
30.0	21 50 30.96	20.41	−13 50 8.7	1 49.2	1.315419	526	3 17.5
32.0	21 50 51.37		13 48 19.5		1.315945		3 10.0

Neptun 1918

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
Jan. – 2.0	8 35 15.07	23.78	+18 29 58.1	1 29.2	1.464986	470	14 3.4
+ 2.0	8 34 51.29	24.86	18 31 27.3	1 33.0	1.464516	404	13 47.3
6.0	8 34 26.43	25.76	18 33 0.3	1 36.1	1.464112	334	13 31.1
10.0	8 34 0.67	26.49	18 34 36.4	1 38.7	1.463778	263	13 15.0
14.0	8 33 34.18	27.06	18 36 15.1	1 40.6	1.463515	190	12 58.8
18.0	8 33 7.12	27.42	18 37 55.7	1 41.7	1.463325	116	12 42.6
22.0	8 32 39.70	27.61	+18 39 37.4	1 42.2	1.463209	41	12 26.5
26.0	8 32 12.09	27.62	18 41 19.6	1 42.1	1.463168	32	12 10.3
30.0	8 31 44.47	27.47	18 43 1.7	1 41.3	1.463200	107	11 54.1
Febr. 3.0	8 31 17.00	27.12	18 44 43.0	1 40.0	1.463307	180	11 37.9
7.0	8 30 49.88	26.61	18 46 23.0	1 37.9	1.463487	253	11 21.7
11.0	8 30 23.27	25.92	18 48 0.9	1 35.3	1.463740	323	11 5.6
15.0	8 29 57.35	25.04	+18 49 36.2	1 32.0	1.464063	393	10 49.4
19.0	8 29 32.31	24.01	18 51 8.2	1 28.3	1.464456	458	10 33.3
23.0	8 29 8.30	22.83	18 52 36.5	1 23.9	1.464914	522	10 17.2
27.0	8 28 45.47	21.51	18 54 0.4	1 19.2	1.465436	582	10 1.0
März 3.0	8 28 23.96	20.07	18 55 19.6	1 14.1	1.466018	638	9 45.0
7.0	8 28 3.89	18.51	18 56 33.7	1 8.4	1.466656	692	9 28.9
11.0	8 27 45.38	16.80	+18 57 42.1	1 2.4	1.467348	742	9 12.9
15.0	8 27 28.58	14.98	18 58 44.5	0 56.1	1.468090	786	8 56.9
19.0	8 27 13.60	13.09	18 59 40.6	0 49.4	1.468876	827	8 40.9
23.0	8 27 0.51	11.13	19 0 30.0	0 42.5	1.469703	863	8 24.9
27.0	8 26 49.38	9.09	19 1 12.5	0 35.5	1.470566	895	8 9.0
31.0	8 26 40.29	7.03	19 1 48.0	0 28.3	1.471461	921	7 53.2
April 4.0	8 26 33.26	4.89	+19 2 16.3	0 20.8	1.472382	944	7 37.3
8.0	8 26 28.37	2.71	19 2 37.1	0 13.3	1.473326	961	7 21.5
12.0	8 26 25.66	0.52	19 2 50.4	0 5.7	1.474287	974	7 5.8
16.0	8 26 25.14	1.68	19 2 56.1	0 1.9	1.475261	982	6 50.0
20.0	8 26 26.82	3.87	19 2 54.2	0 9.5	1.476243	985	6 34.3
24.0	8 26 30.69	6.05	19 2 44.7	0 17.1	1.477228	983	6 18.7
28.0	8 26 36.74	8.19	+19 2 27.6	0 24.5	1.478211	978	6 3.0
Mai 2.0	8 26 44.93	10.31	19 2 3.1	0 32.1	1.479189	968	5 47.4
6.0	8 26 55.24	12.42	19 1 31.0	0 39.3	1.480157	954	5 31.9
10.0	8 27 7.66	14.46	19 0 51.7	0 46.7	1.481111	936	5 16.4
14.0	8 27 22.12	16.44	19 0 5.0	0 53.6	1.482047	912	5 0.9
18.0	8 27 38.56	18.36	18 59 11.4	1 0.5	1.482959	887	4 45.4
22.0	8 27 56.92	20.20	+18 58 10.9	1 7.1	1.483846	856	4 30.0
26.0	8 28 17.12	21.97	18 57 3.8	1 13.5	1.484702	824	4 14.6
30.0	8 28 39.09	23.64	18 55 50.3	1 19.6	1.485526	787	3 59.3
Juni 3.0	8 29 2.73	25.25	18 54 30.7	1 25.6	1.486313	749	3 43.9
7.0	8 29 27.98	26.77	18 53 5.1	1 31.2	1.487062	705	3 28.6
11.0	8 29 54.75		18 51 33.9		1.487767		3 13.3

Mittlere Zeit Greenwich	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	log Δ	Diff.	Zeit der oberen Kulmination
	h m s	s	° ′ ″	′ ″			h m
Juni 11.0	8 29 54.75	28.18	+18 51 33.9	1 36.7	1.487767	661	3 13.3
15.0	8 30 22.93	29.48	18 49 57.2	1 41.6	1.488428	612	2 58.1
19.0	8 30 52.41	30.68	18 48 15.6	1 46.2	1.489040	563	2 42.8
23.0	8 31 23.09	31.75	18 46 29.4	1 50.5	1.489603	512	2 27.6
27.0	8 31 54.84	32.75	18 44 38.9	1 54.5	1.490115	457	2 12.4
Juli 1.0	8 32 27.59	33.63	18 42 44.4	1 58.2	1.490572	403	1 57.2
5.0	8 33 1.22	34.38	+18 40 46.2	2 1.4	1.490975	346	1 42.1
9.0	8 33 35.60	35.03	18 38 44.8	2 4.2	1.491321	287	1 26.9
13.0	8 34 10.63	35.53	18 36 40.6	2 6.6	1.491608	228	1 11.8
17.0	8 34 46.16	35.93	18 34 34.0	2 8.6	1.491836	167	0 56.6
21.0	8 35 22.09	36.19	18 32 25.4	2 10.0	1.492003	108	0 41.5
25.0	8 35 58.28	36.34	18 30 15.4	2 11.3	1.492111	47	0 26.4
29.0	8 36 34.62	36.39	+18 28 4.1	2 11.9	1.492158	15	0 11.2
Aug. 2.0	8 37 11.01	36.30	18 25 52.2	2 12.2	1.492143	77	23 52.3
6.0	8 37 47.31	36.09	18 23 40.0	2 11.9	1.492066	137	23 37.2
10.0	8 38 23.40	35.75	18 21 28.1	2 11.2	1.491929	199	23 22.0
14.0	8 38 59.15	35.27	18 19 16.9	2 9.8	1.491730	259	23 6.9
18.0	8 39 34.42	34.68	18 17 7.1	2 8.2	1.491471	319	22 51.8
22.0	8 40 9.10	33.98	+18 14 58.9	2 6.1	1.491152	376	22 36.6
26.0	8 40 43.08	33.18	18 12 52.8	2 3.6	1.490776	433	22 21.5
30.0	8 41 16.26	32.25	18 10 49.2	2 0.4	1.490343	489	22 6.3
Sept. 3.0	8 41 48.51	31.19	18 8 48.8	1 56.8	1.489854	543	21 51.1
7.0	8 42 19.70	30.02	18 6 52.0	1 52.8	1.489311	595	21 35.9
11.0	8 42 49.72	28.73	18 4 59.2	1 48.1	1.488716	646	21 20.6
15.0	8 43 18.45	27.35	+18 3 11.1	1 43.2	1.488070	692	21 5.4
19.0	8 43 45.80	25.87	18 1 27.9	1 37.9	1.487378	737	20 50.1
23.0	8 44 11.67	24.32	17 59 50.0	1 32.1	1.486641	778	20 34.8
27.0	8 44 35.99	22.62	17 58 17.9	1 25.8	1.485863	818	20 19.5
Okt. 1.0	8 44 58.61	20.88	17 56 52.1	1 19.2	1.485045	853	20 4.1
5.0	8 45 19.49	19.02	17 55 32.9	1 12.1	1.484192	886	19 48.7
9.0	8 45 38.51	17.09	+17 54 20.8	1 4.8	1.483306	914	19 33.3
13.0	8 45 55.60	15.11	17 53 16.0	0 57.2	1.482392	938	19 17.9
17.0	8 46 10.71	13.06	17 52 18.8	0 49.3	1.481454	958	19 2.4
21.0	8 46 23.77	10.97	17 51 29.5	0 41.1	1.480496	974	18 46.9
25.0	8 46 34.74	8.84	17 50 48.4	0 32.9	1.479522	987	18 31.3
29.0	8 46 43.58	6.65	17 50 15.5	0 24.3	1.478535	993	18 15.7
Nov. 2.0	8 46 50.23	4.44	+17 49 51.2	0 15.6	1.477542	996	18 0.1
6.0	8 46 54.67	2.21	17 49 35.6	0 6.9	1.476546	993	17 44.5
10.0	8 46 56.88	0.01	17 49 28.7	0 1.8	1.475553	986	17 28.8
14.0	8 46 56.87	2.22	17 49 30.5	0 10.6	1.474567	973	17 13.0
18.0	8 46 54.65	4.40	17 49 41.1	0 19.1	1.473594	956	16 57.2
22.0	8 46 50.25		17 50 0.2		1.472638		16 41.4

Mittlere Zeit Greenwich	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Zeit der oberen Kulmination
Nov. 22.0	8h 46m 50.25s	6.56s	+17° 50′ 0.2″	0′ 27.6″	1.472638	934	16h 41.4m
26.0	8 46 43.69	8.68	17 50 27.8	0 35.9	1.471704	906	16 25.6
30.0	8 46 35.01	10.76	17 51 3.7	0 44.1	1.470798	875	16 9.7
Dez. 4.0	8 46 24.25	12.77	17 51 47.8	0 51.9	1.469923	838	15 53.8
8.0	8 46 11.48	14.67	17 52 39.7	0 59.3	1.469085	795	15 37.8
12.0	8 45 56.81	16.48	17 53 39.0	1 6.4	1.468290	749	15 21.9
16.0	8 45 40.33	18.19	+17 54 45.4	1 13.0	1.467541	699	15 5.9
20.0	8 45 22.14	19.78	17 55 58.4	1 19.1	1.466842	646	14 49.9
24.0	8 45 2.36	21.27	17 57 17.5	1 24.7	1.466196	587	14 33.8
28.0	8 44 41.09	22.60	17 58 42.2	1 29.9	1.465609	526	14 17.7
32.0	8 44 18.49		18 0 12.1		1.465083		14 1.6

Mittleres Äquinoktium 1925.0

MERKUR 1918

Mittlere Zeit Greenwich		log r	Länge in d. Bahn	Red. a. d. Ekl.	Breite	Mittlere Zeit Greenwich		log r	Länge in d. Bahn	Red. a. d. Ekl.	Breite
Jan.	0.0	9.4886	84° 28′	−12′	+4° 13′	Juli	4.0	9.5285	137° 50′	0′	+7° 0′
	5.0	9.5046	115 11	− 9	+6 29		9.0	9.5627	162 12	+10	+6 21
	10.0	9.5347	142 42	+ 2	+6 58		14.0	9.5956	183 1	+13	+4 54
	15.0	9.5692	166 21	+11	+6 8		19.0	9.6233	201 7	+10	+3 6
	20.0	9.6012	186 36	+13	+4 34		24.0	9.6447	217 16	+ 4	+1 14
	25.0	9.6278	204 17	+ 9	+2 45		29.0	9.6593	232 8	− 2	−0 34
	30.0	9.6479	220 9	+ 3	+0 53	Aug.	3.0	9.6673	246 15	− 8	−2 15
Febr.	4.0	9.6613	234 50	− 3	−0 54		8.0	9.6688	260 3	−12	−3 46
	9.0	9.6681	248 51	− 9	−2 33		13.0	9.6637	273 58	−13	−5 5
	14.0	9.6683	262 38	−12	−4 2		18.0	9.6521	288 26	−11	−6 7
	19.0	9.6621	276 38	−13	−5 18		23.0	9.6338	303 56	− 6	−6 49
	24.0	9.6492	291 15	−10	−6 17		28.0	9.6089	321 3	+ 2	−6 59
März	1.0	9.6296	307 0	− 5	−6 53	Sept.	2.0	9.5781	340 33	+ 9	−6 26
	6.0	9.6035	324 31	+ 3	−6 57		7.0	9.5438	3 13	+13	−4 53
	11.0	9.5718	344 32	+10	−6 14		12.0	9.5116	29 43	+ 7	−2 8
	16.0	9.5373	7 54	+13	−4 27		17.0	9.4909	59 45	− 5	+1 29
	21.0	9.5065	35 7	+ 5	−1 30		22.0	9.4904	91 21	−13	+4 51
	26.0	9.4891	65 39	− 8	+2 11		27.0	9.5103	121 31	− 7	+6 44
	31.0	9.4928	97 12	−13	+5 20	Okt.	2.0	9.5422	148 11	+ 5	+6 53
April	5.0	9.5157	126 49	− 5	+6 53		7.0	9.5765	171 2	+12	+5 50
	10.0	9.5487	152 46	+ 7	+6 45		12.0	9.6076	190 39	+12	+4 11
	15.0	9.5827	174 56	+12	+5 33		17.0	9.6328	207 52	+ 8	+2 21
	20.0	9.6128	194 3	+12	+3 51		22.0	9.6514	223 26	+ 2	+0 29
	25.0	9.6368	210 54	+ 7	+1 59		27.0	9.6634	237 56	− 4	−1 16
	30.0	9.6542	226 13	+ 1	+0 9	Nov.	1.0	9.6687	251 52	−10	−2 53
Mai	5.0	9.6649	240 35	− 6	−1 35		6.0	9.6675	265 40	−12	−4 20
	10.0	9.6690	254 27	−10	−3 10		11.0	9.6598	279 45	−12	−5 32
	15.0	9.6666	268 17	−13	−4 34		16.0	9.6455	294 34	− 9	−6 27
	20.0	9.6576	282 28	−12	−5 44		21.0	9.6245	310 39	− 3	−6 57
	25.0	9.6421	297 29	− 8	−6 35		26.0	9.5970	328 38	+ 5	−6 52
	30.0	9.6198	313 52	− 2	−6 59	Dez.	1.0	9.5643	349 19	+12	−5 57
Juni	4.0	9.5912	332 18	+ 6	−6 46		6.0	9.5300	13 30	+12	−3 54
	9.0	9.5579	353 35	+12	−5 39		11.0	9.5012	41 34	+ 3	−0 43
	14.0	9.5239	18 29	+11	−3 23		16.0	9.4880	72 34	−10	+2 58
	19.0	9.4973	47 13	0	−0 2		21.0	9.4964	103 56	−12	+5 50
	24.0	9.4879	78 31	−11	+3 36		26.0	9.5224	132 49	− 2	+6 59
	29.0	9.5002	109 36	−11	+6 11		31.0	9.5563	157 55	+ 8	+6 34
Juli	4.0	9.5285	137 50	0	+7 0		36.0	9.5897	179 21	+13	+5 12

$☊ = 47° 27'.1$; $i = 7° 0'.22$; $m = \frac{1}{6000000}$

Mittleres Äquinoktium 1925.0

Mittlere Zeit Greenwich	log r	Länge in der Bahn	Red. auf d. Eklipt.	Breite	log r	Länge in der Bahn	Red. auf d. Eklipt.	Breite
	VENUS 1918				**MARS 1918**			
Jan. 0.0	9.85766	74° 52′.9	+0′.1	−0° 4′.1	0.22051	141° 39′.6	+0′.1	+1° 50′.9
10.0	9.85705	91 3.1	−1.5	+0 52.7	0.22115	146 2.4	+0.2	+1 50.2
20.0	9.85662	107 15.6	−2.7	+1 45.5	0.22153	150 24.6	+0.3	+1 48.8
30.0	9.85640	123 29.5	−3.0	+2 30.0	0.22165	154 46.5	+0.5	+1 46.8
Febr. 9.0	9.85641	139 43.9	−2.4	+3 2.5	0.22151	159 8.5	+0.6	+1 44.2
19.0	9.85666	155 57.7	−1.0	+3 20.5	0.22111	163 30.7	+0.7	+1 41.0
März 1.0	9.85712	172 9.9	+0.6	+3 22.5	0.22046	167 53.6	+0.8	+1 37.2
11.0	9.85775	188 19.7	+2.1	+3 8.4	0.21954	172 17.5	+0.8	+1 32.8
21.0	9.85851	204 26.4	+2.9	+2 39.5	0.21838	176 42.6	+0.9	+1 27.8
31.0	9.85933	220 29.5	+2.9	+1 58.3	0.21696	181 9.3	+0.9	+1 22.3
April 10.0	9.86014	236 29.0	+1.9	+1 8.1	0.21530	185 37.9	+0.9	+1 16.3
20.0	9.86089	252 25.0	+0.4	+0 12.8	0.21340	190 8.7	+0.9	+1 9.7
30.0	9.86152	268 18.0	−1.2	−0 43.3	0.21126	194 42.0	+0.8	+1 2.6
Mai 10.0	9.86198	284 8.6	−2.5	−1 35.9	0.20890	199 18.2	+0.8	+0 55.0
20.0	9.86224	299 57.5	−3.0	−2 21.2	0.20633	203 57.6	+0.7	+0 47.0
30.0	9.86227	315 45.9	−2.6	−2 55.9	0.20355	208 40.4	+0.6	+0 38.6
Juni 9.0	9.86208	331 34.6	−1.5	−3 17.2	0.20058	213 27.0	+0.5	+0 29.8
19.0	9.86168	347 24.6	+0.1	−3 23.6	0.19743	218 17.6	+0.3	+0 20.6
29.0	9.86110	3 16.7	+1.7	−3 14.5	0.19412	223 12.6	+0.2	+0 11.2
Juli 9.0	9.86038	19 11.7	+2.8	−2 50.5	0.19068	228 12.2	0.0	+0 1.5
19.0	9.85958	35 10.1	+3.0	−2 13.2	0.18711	233 16.7	−0.1	−0 8.3
29.0	9.85875	51 12.1	+2.3	−1 25.5	0.18345	238 26.4	−0.3	−0 18.2
Aug. 8.0	9.85797	67 17.7	+0.9	−0 30.9	0.17972	243 41.3	−0.4	−0 28.1
18.0	9.85729	83 26.6	−0.8	+0 26.3	0.17596	249 1.7	−0.6	−0 38.0
28.0	9.85678	99 38.2	−2.2	+1 21.5	0.17219	254 27.8	−0.7	−0 47.7
Sept. 7.0	9.85646	115 51.6	−3.0	+2 10.4	0.16845	259 59.5	−0.8	−0 57.2
17.0	9.85637	132 6.0	−2.8	+2 48.9	0.16478	265 37.0	−0.9	−1 6.2
27.0	9.85651	148 20.3	−1.8	+3 14.0	0.16121	271 20.1	−0.9	−1 14.8
Okt. 7.0	9.85688	164 33.4	−0.2	+3 23.6	0.15780	277 8.8	−0.9	−1 22.7
17.0	9.85744	180 44.4	+1.5	+3 17.0	0.15458	283 2.8	−0.8	−1 29.9
27.0	9.85815	196 52.5	+2.7	+2 54.8	0.15159	289 1.9	−0.8	−1 36.2
Nov. 6.0	9.85894	212 57.3	+3.0	+2 19.0	0.14888	295 5.8	−0.7	−1 41.5
16.0	9.85977	228 58.5	+2.4	+1 32.5	0.14648	301 14.0	−0.5	−1 45.7
26.0	9.86056	244 56.1	+1.1	+0 39.1	0.14444	307 26.0	−0.3	−1 48.8
Dez. 6.0	9.86125	260 50.4	−0.5	−0 17.1	0.14279	313 41.2	−0.2	−1 50.6
16.0	9.86179	276 42.0	−2.0	−1 11.9	0.14154	319 58.9	0.0	−1 51.0
26.0	9.86215	292 31.6	−2.9	−2 1.1	0.14073	326 18.4	+0.2	−1 50.1
36.0	9.86229	308 20.1	−2.9	−2 41.1	0.14037	332 38.9	+0.4	−1 47.9

Venus: ☊ = 76° 1′.4 ; $i = 3° 23'.64$; $m = \frac{1}{408000}$

Mars: ☊ = 48° 59′.9 ; $i = 1° 51'.05$; $m = \frac{1}{3093500}$

Mittleres Äquinoktium 1925.0

Mittlere Zeit Greenwich	ERDE 1918: log *R*	ERDE 1918: Länge	JUPITER 1918: log *r*	JUPITER 1918: Länge in der Bahn	JUPITER 1918: Red. auf d. Eklipt.	JUPITER 1918: Breite	JUPITER 1918: B_0
Jan. 0.0	9.99268	99° 21.8'	0.703740	69° 21' 52.5"	+23.4"	−0° 39' 35.0"	+1.8"
10.0	9.99274	109 33.3	0.704000	70 14 35.3	+23.0	−0 38 32.3	+1.9
20.0	9.99303	119 44.3	0.704262	71 7 14.3	+22.6	−0 37 29.2	+2.0
30.0	9.99353	129 54.3	0.704526	71 59 49.5	+22.1	−0 36 25.6	+2.1
Febr. 9.0	9.99423	140 2.5	0.704793	72 52 20.8	+21.6	−0 35 21.6	+2.1
19.0	9.99510	150 8.5	0.705062	73 44 48.2	+21.1	−0 34 17.2	+2.2
März 1.0	9.99611	160 11.9	0.705333	74 37 11.7	+20.6	−0 33 12.4	+2.3
11.0	9.99724	170 12.3	0.705606	75 29 31.3	+20.1	−0 32 7.2	+2.3
21.0	9.99844	180 9.5	0.705881	76 21 47.0	+19.5	−0 31 1.7	+2.4
31.0	9.99968	190 3.4	0.706158	77 13 58.6	+19.0	−0 29 55.8	+2.5
April 10.0	0.00092	199 53.8	0.706437	78 6 6.2	+18.4	−0 28 49.6	+2.6
20.0	0.00213	209 41.0	0.706718	78 58 9.7	+17.8	−0 27 43.1	+2.6
30.0	0.00327	219 24.9	0.707001	79 50 9.2	+17.2	−0 26 36.2	+2.7
Mai 10.0	0.00431	229 5.9	0.707285	80 42 4.6	+16.5	−0 25 29.1	+2.8
20.0	0.00522	238 44.4	0.707571	81 33 56.0	+15.9	−0 24 21.7	+2.9
30.0	0.00598	248 20.6	0.707858	82 25 43.3	+15.2	−0 23 14.1	+2.9
Juni 9.0	0.00657	257 54.9	0.708147	83 17 26.4	+14.6	−0 22 6.3	+3.0
19.0	0.00697	267 28.0	0.708437	84 9 5.4	+13.9	−0 20 58.2	+3.1
29.0	0.00717	277 0.3	0.708729	85 0 40.3	+13.2	−0 19 50.0	+3.2
Juli 9.0	0.00717	286 32.4	0.709021	85 52 11.0	+12.5	−0 18 41.6	+3.2
19.0	0.00696	296 4.7	0.709315	86 43 37.6	+11.7	−0 17 33.0	+3.3
29.0	0.00656	305 37.8	0.709610	87 35 0.0	+11.0	−0 16 24.3	+3.4
Aug. 8.0	0.00597	315 12.2	0.709907	88 26 18.2	+10.3	−0 15 15.4	+3.5
18.0	0.00521	324 48.4	0.710204	89 17 32.2	+ 9.5	−0 14 6.4	+3.5
28.0	0.00429	334 26.9	0.710502	90 8 42.0	+ 8.8	−0 12 57.3	+3.6
Sept. 7.0	0.00325	344 8.0	0.710801	90 59 47.5	+ 8.0	−0 11 48.2	+3.7
17.0	0.00211	353 52.0	0.711100	91 50 48.9	+ 7.3	−0 10 39.0	+3.7
27.0	0.00090	3 39.2	0.711400	92 41 46.1	+ 6.5	−0 9 29.8	+3.8
Okt. 7.0	9.99965	13 29.7	0.711701	93 32 39.1	+ 5.7	−0 8 20.6	+3.8
17.0	9.99841	23 23.7	0.712002	94 23 27.8	+ 5.0	−0 7 11.3	+3.9
27.0	9.99721	33 21.0	0.712304	95 14 12.3	+ 4.2	−0 6 2.1	+4.0
Nov. 6.0	9.99608	43 21.5	0.712606	96 4 52.5	+ 3.4	−0 4 52.8	+4.0
16.0	9.99507	53 24.9	0.712909	96 55 28.5	+ 2.6	−0 3 43.6	+4.1
26.0	9.99421	63 31.0	0.713212	97 46 0.3	+ 1.8	−0 2 34.4	+4.1
Dez. 6.0	9.99352	73 39.3	0.713515	98 36 27.9	+ 1.0	−0 1 25.3	+4.2
16.0	9.99302	83 49.3	0.713818	99 26 51.3	+ 0.2	−0 0 16.3	+4.3
26.0	9.99274	94 0.3	0.714122	100 17 10.5	− 0.6	+0 0 52.7	+4.3
36.0	(9.99268)	(104 11.8)	0.714425	101 7 25.4	− 1.4	+0 2 1.6	+4.4

Erde: $m = \frac{1}{329390}$

Jupiter: $\Omega = 99^\circ 41' 52''.2$; $i = 1^\circ 18' 26''.4$; $m = \frac{1}{1047.35}$

Mittleres Äquinoktium 1925.0

SATURN 1918

Mittlere Zeit Greenwich	log r	Länge in der Bahn	Red. auf die Ekliptik	Breite	B_0
1917 Dez. 21.0	0.959920	129° 41′ 44″.2	−53″.5	+0° 42′ 44″.3	−10″.7
1918 Jan. 30.0	0.960296	131 9 33.4	−57.6	+0 46 22.7	−10.8
März 11.0	0.960684	132 37 13.6	−61.6	+0 49 59.0	−10.9
April 20.0	0.961083	134 4 44.5	−65.3	+0 53 32.9	−11.0
Mai 30.0	0.961492	135 32 5.9	−68.9	+0 57 4.3	−11.1
Juli 9.0	0.961912	136 59 17.4	−72.3	+1 0 33.1	−11.2
Aug. 18.0	0.962342	138 26 18.8	−75.6	+1 3 59.3	−11.3
Sept. 27.0	0.962781	139 53 10.0	−78.6	+1 7 22.6	−11.4
Nov. 6.0	0.963230	141 19 50.8	−81.4	+1 10 42.8	−11.5
1918 Dez. 16.0	0.963688	142 46 20.8	−84.0	+1 14 0.0	−11.5
1919 Jan. 25.0	0.964154	144 12 39.9	−86.4	+1 17 14.0	−11.6

$\Omega = 113^\circ\ 0'\ 20''.6;\quad i = 2^\circ\ 29'\ 28''.7;\quad m = \frac{1}{3501.6}$

URANUS 1918

Mittlere Zeit Greenwich	log r	Länge in der Bahn	Red. auf die Ekliptik	Breite	B_0
1917 Dez. 21.0	1.300832	323° 13′ 17″.1	− 6″.1	−0° 43′ 27″.0	+ 0″.6
1918 Jan. 30.0	1.300898	323 39 10.3	− 6.0	−0 43 34.2	+ 0.6
März 11.0	1.300963	324 5 2.9	− 5.9	−0 43 41.2	+ 0.7
April 20.0	1.301026	324 30 54.9	− 5.8	−0 43 48.1	+ 0.7
Mai 30.0	1.301089	324 56 46.3	− 5.7	−0 43 54.8	+ 0.7
Juli 9.0	1.301151	325 22 37.1	− 5.6	−0 44 1.4	+ 0.8
Aug. 18.0	1.301212	325 48 27.2	− 5.5	−0 44 7.9	+ 0.8
Sept. 27.0	1.301271	326 14 16.8	− 5.4	−0 44 14.2	+ 0.8
Nov. 6.0	1.301330	326 40 5.8	− 5.2	−0 44 20.3	+ 0.9
1918 Dez. 16.0	1.301388	327 5 54.2	− 5.1	−0 44 26.2	+ 0.9
1919 Jan. 25.0	1.301445	327 31 42.2	− 5.0	−0 44 32.0	+ 1.0

$\Omega = 73^\circ\ 37';\quad i = 0^\circ\ 46'\ 22'';\quad m = \frac{1}{22869}$

NEPTUN 1918

Mittlere Zeit Greenwich	log r	Länge in der Bahn	Red. auf die Ekliptik	Breite	B_0
1917 Dez. 21.0	1.477627	125° 35′ 29″.8	+ 9″.3	−0° 9′ 57″.1	+ 0″.2
1918 Jan. 30.0	1.477645	125 49 54.7	+ 8.9	−0 9 30.4	+ 0.2
März 11.0	1.477664	126 4 19.6	+ 8.4	−0 9 3.6	+ 0.3
April 20.0	1.477682	126 18 44.6	+ 8.0	−0 8 36.9	+ 0.3
Mai 30.0	1.477700	126 33 9.6	+ 7.6	−0 8 10.1	+ 0.3
Juli 9.0	1.477718	126 47 34.6	+ 7.2	−0 7 43.4	+ 0.3
Aug. 18.0	1.477736	127 1 59.6	+ 6.8	−0 7 16.6	+ 0.3
Sept. 27.0	1.477754	127 16 24.5	+ 6.4	−0 6 49.9	+ 0.3
Nov. 6.0	1.477771	127 30 49.5	+ 6.0	−0 6 23.1	+ 0.3
1918 Dez. 16.0	1.477789	127 45 14.4	+ 5.6	−0 5 56.3	+ 0.3
1919 Jan. 25.0	1.477806	127 59 39.4	+ 5.1	−0 5 29.5	+ 0.3

$\Omega = 130^\circ\ 57';\quad i = 1^\circ\ 46'\ 37'';\quad m = \frac{1}{19314}$

Mittlere und Scheinbare Sternörter 1918

Reduktionsgrößen

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
1	α Androm.	2.1	0h 4m 8s.724	+3s.0965	+ 107	+28° 38' 15".85	+19".881	— 161
2	β Cassiopeiae	2.2	0 4 47.556	+3.1861	+ 675	+58 41 50.97	+19.861	— 180
3	ε Phoenicis	3.8	0 5 15.128	+3.0506	+ 99	—46 11 59.95	+19.848	— 192
4	[22 Androm.]	5.2	0 6 3.148	+3.1095	+ 8	+45 36 57.31	+20.035	— 3
5	[κ^2 Sculptoris]	5.5	0 7 24.711	+3.0498	+ 4	—28 15 23.90	+20.041	+ 6
6	[ϑ Sculptoris]	5.3	0 7 33.950	+3.0515	+ 104	—35 35 31.87	+20.158	+ 124
7	γ Pegasi	2.7	0 9 0.662	+3.0865	+ 1	+14 43 39.56	+20.016	— 14
8	[Br. 6]	6.5	0 11 33.443	+3.3599	+ 67	+76 29 42.61	+20.021	+ 2
9	ι Ceti	3.5	0 15 15.002	+3.0567	— 15	— 9 16 42.52	+19.969	— 32
10	ζ Tucanae	4.2	0 15 48.377	+3.1422	+2703	—65 21 24.37	+21.152	+1154
11	β Hydri	2.8	0 21 27.839	+3.1966	+6978	—77 42 57.72	+20.276	+ 318
12	α Phoenicis	2.3	0 22 13.979	+2.9698	+ 168	—42 45 5.06	+19.542	— 409
13	12 Ceti	6.1	0 25 51.243	+3.0618	+ 8	— 4 24 37.14	+19.910	— 8
14	[Ceti 49 G.]	5.3	0 26 16.744	+3.0013	— 25	—24 14 28.71	+19.923	+ 9
15	[λ^1 Phoenicis]	4.7	0 27 27.790	+2.8995	+ 123	—49 15 25.27	+19.914	+ 12
16	[κ Cassiop.]	4.2	0 28 19.621	+3.3901	+ 11	+62 28 45.81	+19.896	+ 3
17	ζ Cassiopeiae	3.8	0 32 23.635	+3.3289	+ 23	+53 26 44.79	+19.838	— 7
18	π Androm.	4.2	0 32 29.802	+3.1982	+ 17	+33 16 5.15	+19.845	0
19	[ε Androm.]	4.3	0 34 13.099	+3.1649	— 173	+28 52 0.04	+19.571	— 251
20	δ Androm.	3.2	0 34 56.319	+3.2023	+ 106	+30 24 44.94	+19.729	— 84
21	α Cassiopeiae	(2.2)	0 35 50.627	+3.3882	+ 60	+56 5 16.14	+19.772	— 29
22	β Ceti	2.2	0 39 28.443	+3.0123	+ 160	—18 26 11.54	+19.787	+ 39
23	[η Phoenicis]	4.3	0 39 40.460	+2.7060	+ 5	—57 54 46.27	+19.738	— 8
25	ο Cassiopeiae	4.7	0 40 8.897	+3.3320	+ 22	+47 50 8.69	+19.731	— 8
24	21 Cassiopeiae	5.8	0 40 12.377	+3.9103	— 57	+74 32 24.13	+19.715	— 23
26	[λ^2 Sculptoris]	5.9	0 40 14.257	+2.9023	+ 178	—38 52 24.29	+19.852	+ 115
27	ζ Androm.	4.1	0 42 59.305	+3.1752	— 75	+23 49 16.60	+19.615	— 79
28	[δ Piscium]	4.4	0 44 25.565	+3.1101	+ 52	+ 7 8 20.36	+19.624	— 46
29	[Br. 82]	5.7	0 45 44.265	+3.6170	+ 59	+63 48 4.94	+19.643	— 5
31	[λ Hydri]	5.3	0 45 45.180	+2.0974	+ 399	—75 22 10.93	+19.621	— 26
30	[19 Ceti]	5.4	0 46 1.168	+3.0046	— 159	—11 5 8.68	+19.420	— 223
32	γ Cassiopeiae	2.0	0 51 44.815	+3.6003	+ 37	+60 16 22.65	+19.533	— 4
34	[λ^2 Tucanae]	5.3	0 51 56.575	+2.2457	— 33	—69 58 13.47	+19.488	— 45
33	μ Androm.	3.9	0 52 11.759	+3.3218	+ 129	+38 3 17.47	+19.564	+ 36
35	α Sculptoris	4.1	0 54 39.306	+2.8914	— 5	—29 48 1.91	+19.473	— 5
36	ε Piscium	4.2	0 58 41.129	+3.1114	— 55	+ 7 26 56.26	+19.422	+ 30
37	[26 Ceti]	6.2	0 59 35.750	+3.0863	+ 81	+ 0 55 39.10	+19.332	— 39
38	β Phoenicis	3.2	1 2 25.518	+2.6794	— 56	—47 9 28.09	+19.291	— 15
39	[ι Tucanae]	5.5	1 4 3.966	+2.3830	+ 100	—62 12 46.92	+19.263	— 4
40	[η Ceti]	3.3	1 4 27.842	+3.0169	+ 138	—10 37 0.02	+19.126	— 132

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
41	[44 H. Ceph.]	5.7	1h 5m 8s.079	+5s.0772	+ 332	+79° 14′ 16″.78	+19″.250	+ 9
42	β Androm.	2.1	1 5 8.124	+3.3520	+ 151	+35 11 10.16	+19.129	−113
43	[τ Piscium]	4.3	1 7 8.375	+3.2979	+ 56	+29 39 16.29	+19.150	− 41
44	[Sculpt. 102 G.]	6.0	1 8 58.732	+2.7638	+ 39	−38 17 26.89	+19.117	− 27
45	υ Piscium	4.6	1 14 57.292	+3.2913	+ 15	+26 50 0.20	+18.972	− 11
47	ϑ Ceti	3.4	1 19 55.449	+2.9980	− 55	− 8 36 22.16	+18.625	−214
46	[ψ Cassiop.]	5.0	1 20 7.190	+4.2023	+ 134	+67 42 9.14	+18.866	+ 33
48	δ Cassiopeiae	2.7	1 20 26.289	+3.9022	+ 398	+59 48 34.48	+18.781	− 43
49	[γ Phoenicis]	3.2	1 24 48.280	+2.6064	− 38	−43 44 17.29	+18.471	−218
50	η Piscium	3.6	1 27 5.541	+3.2063	+ 15	+14 55 24.37	+18.608	− 7
51	40 Cassiopeiae	5.5	1 31 55.964	+4.7381	− 19	+72 37 21.83	+18.448	− 6
52	υ Persei	3.6	1 32 57.010	+3.6690	+ 64	+48 12 47.60	+18.306	−113
53	[Hydri 14 G.]	6.3	1 33 5.615	+0.3692	− 69	−78 55 15.65	+18.286	−128
54	α Eridani	1	1 34 39.762	+2.2379	+ 122	−57 39 11.11	+18.322	− 38
55	43 Cassiopeiae	5.9	1 36 14.771	+4.4053	+ 88	+67 37 44.08	+18.302	− 2
56	[ν Piscium]	4.5	1 37 9.724	+3.1198	− 16	+ 5 4 22.92	+18.273	+ 2
58	[Sculpt. 129 G.]	5.8	1 38 26.070	+2.6438	− 58	−37 14 44.36	+18.202	− 23
57	φ Persei	4.1	1 38 30.678	+3.7455	+ 26	+50 16 34.14	+18.208	− 15
59	τ Ceti	3.4	1 40 15.509	+2.7868	−1195	−16 22 8.40	+19.009	+851
60	ο Piscium	4.3	1 41 3.666	+3.1651	+ 47	+ 8 44 43.71	+18.178	+ 50
61	Lac. ε Sculpt.	5.3	1 41 48.287	+2.8091	+ 99	−25 27 44.23	+18.025	− 75
62	ζ Ceti	3.5	1 47 24.725	+2.9604	+ 22	−10 44 23.07	+17.850	− 34
64	α Trianguli	3.5	1 48 24.138	+3.4138	+ 11	+29 10 47.52	+17.612	−233
63	ε Cassiopeiae	3.3	1 48 28.736	+4.2872	+ 50	+63 16 0.92	+17.827	− 15
65	ξ Piscium	4.6	1 49 18.515	+3.1038	+ 13	+ 2 46 59.26	+17.828	+ 19
66	β Arietis	2.7	1 50 6.370	+3.3090	+ 65	+20 24 27.73	+17.667	−109
67	ψ Phoenicis	4.5	1 50 21.561	+2.4063	− 95	−46 42 14.73	+17.665	−101
68	χ Eridani	3.6	1 52 45.990	+2.3354	+ 712	−52 1 0.99	+17.938	+271
69	[η^2 Hydri]	4.7	1 52 51.290	+1.5169	+ 119	−68 3 1.49	+17.743	+ 79
71	υ Ceti	3.9	1 56 8.480	+2.8266	+ 91	−21 28 28.88	+17.512	− 14
72	α Hydri	2.9	1 56 11.130	+1.8902	+ 361	−61 58 7.02	+17.545	+ 21
70	50 Cassiopeiae	4.0	1 56 24.088	+5.0669	− 91	+72 1 31.12	+17.539	+ 25
73	γ Androm.	2.1	1 58 51.516	+3.6720	+ 43	+41 56 12.45	+17.356	− 54
74	α Arietis	2.0	2 2 32.789	+3.3765	+ 137	+23 4 31.09	+17.104	−143
75	β Trianguli	3.0	2 4 39.497	+3.5620	+ 122	+34 36 0.13	+17.113	− 40
76	55 Cassiopeiae	6.3	2 8 1.636	+4.6731	− 10	+66 8 27.33	+17.001	+ 3
77	[6 Persei]	5.7	2 8 8.511	+3.9750	+ 367	+50 41 7.97	+16.824	−169
78	Lac. μ Forn.	5.2	2 9 17.848	+2.6428	+ 13	−31 6 29.08	+16.941	+ 2
79	[γ Trianguli]	4.2	2 12 26.026	+3.5590	+ 37	+33 28 7.15	+16.747	− 44
80	67 Ceti	5.8	2 12 53.528	+2.9908	+ 55	− 6 47 58.28	+16.659	−110

Nr.	Name	Gr.	AR. 1918.0 (h m s)	Jährl. Veränderung (s)	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0 (° ′ ″)	Jährl. Veränderung (″)	Jährl. Eigenbew. in 0″.001
81	[ϑ Arietis]	5.7	2 13 33.643	+3.3325	— 10	+19 31 20.68	+16.735	— 2
82	[φ Eridani]	3.5	2 13 34.757	+2.1430	+ 81	—51 53 29.31	+16.700	— 36
83	[κ Fornacis]	5.4	2 18 47.421	+2.7452	+ 142	—24 11 18.54	+16.418	— 63
84	[λ Horologii]	5.5	2 22 36.299	+1.6764	— 95	—60 40 43.40	+16.151	—137
85	ξ² Ceti	4.2	2 23 47.807	+3.1868	+ 26	+ 8 5 35.29	+16.223	— 4
86	[κ Eridani]	4.1	2 23 58.700	+2.1980	— 2	—48 4 17.78	+16.195	— 23
88	[λ¹ Fornacis]	6.0	2 29 41.784	+2.4995	— 43	—35 0 37.12	+15.887	— 32
87	36 H. Cassiop.	5.4	2 30 12.222	+5.6436	— 60	+72 27 38.75	+15.913	+ 21
90	μ Hydri	5.5	2 33 22.589	—1.3390	+ 473	—79 28 2.21	+15.689	— 33
89	ν Arietis	5.6	2 34 9.362	+3.4016	— 9	+21 36 27.08	+15.664	— 16
91	δ Ceti	3.9	2 35 16.656	+3.0730	+ 7	— 0 1 28.57	+15.616	— 2
92	[Br. 366]	6.3	2 37 44.933	+5.1224	+ 25	+67 28 38.27	+15.452	— 29
95	[ε Hydri]	4.0	2 38 19.377	+0.9148	+ 169	—68 37 5.29	+15.454	+ 5
93	ϑ Persei	4.1	2 38 35.403	+4.0841	+ 346	+48 52 56.82	+15.347	— 88
94	[35 Arietis]	4.7	2 38 38.107	+3.5144	+ 4	+27 21 32.32	+15.425	— 7
96	[γ Ceti]	3.4	2 39 2.975	+3.1060	— 98	+ 2 53 27.14	+15.261	—148
97	π Ceti	4.0	2 40 13.154	+2.8542	— 8	—14 12 19.28	+15.334	— 9
98	μ Ceti	4.2	2 40 30.397	+3.2398	+ 189	+ 9 46 6.96	+15.296	— 31
99	[η Persei]	3.8	2 44 42.219	+4.3583	+ 28	+55 33 22.02	+15.078	— 11
100	41 Arietis	3.6	2 45 9.155	+3.5256	+ 51	+26 55 23.87	+14.949	—113
101	β Fornacis	4.4	2 45 39.492	+2.5103	+ 63	—32 44 59.12	+15.192	+159
102	τ² Eridani	4.8	2 47 19.118	+2.7205	— 39	—21 20 29.65	+14.907	— 29
103	τ Persei	4.0	2 48 26.016	+4.2377	+ 3	+52 25 40.15	+14.870	— 2
104	η Eridani	3.7	2 52 25.224	+2.9296	+ 52	— 9 13 25.95	+14.417	—218
105	47 H. Cephei	5.8	2 55 7.389	+7.8612	— 113	+79 5 47.46	+14.495	+ 21
106	ϑ Eridani	2.9	2 55 9.024	+2.2724	— 67	—40 37 57.60	+14.499	+ 28
107	α Ceti	2.5	2 57 59.445	+3.1335	— 9	+ 3 46 7.46	+14.222	— 76
108	γ Persei	3.0	2 58 50.820	+4.3290	+ 2	+53 11 10.64	+14.242	— 4
109	ρ Persei	(3.8)	2 59 54.938	+3.8361	+ 114	+38 31 24.39	+14.076	—103
110	μ Horologii	5.1	3 1 40.670	+1.4086	— 117	—60 3 19.89	+14.002	— 68
113	[ϑ Hydri]	5.7	3 2 4.525	+0.1040	+ 51	—72 13 21.38	+14.068	+ 22
111	β Persei	(2.2)	3 2 49.618	+3.8944	+ 7	+40 38 26.37	+13.997	— 1
112	[ι Persei]	4.1	3 3 8.411	+4.3158	+1295	+49 18 3.65	+13.897	— 82
114	δ Arietis	4.3	3 6 56.192	+3.4263	+ 106	+19 25 2.70	+13.735	— 4
117	12 Eridani	3.6	3 8 35.194	+2.5468	+ 241	—29 18 35.08	+14.277	+644
116	[94 Ceti]	5.2	3 8 35.280	+3.0606	+ 136	— 1 30 7.53	+13.572	— 61
115	48 H. Cephei	5.9	3 9 51.717	+7.5091	+ 183	+77 26 7.40	+13.508	— 44
118	[Horol. 38 G.]	6.1	3 10 28.308	+1.5150	— 5	—57 37 42.09	+13.506	— 6
119	[e Eridani]	4.2	3 16 39.210	+2.3958	+2787	—43 22 58.80	+13.842	+734
120	α Persei	1.9	3 18 27.595	+4.2704	+ 29	+49 34 13.32	+12.962	— 26

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
121	o Tauri	3.6	3h 20m 23s.890	+3s.2259	− 44	+ 8° 44′ 27″.86	+12″.782	− 76
122	2 H. Camelop.	4.4	3 22 24.951	+4.8368	− 1	+59 39 21.05	+12.729	+ 6
123	[ξ Tauri]	3.6	3 22 43.355	+3.2486	+ 39	+ 9 26 51.02	+12.657	− 45
124	[σ Persei]	4.8	3 24 47.140	+4.2186	+ 9	+47 42 47.61	+12.585	+ 23
125	f Tauri	4.1	3 26 20.588	+3.3091	+ 13	+12 39 23.18	+12.450	− 5
126	[κ Reticuli]	4.8	3 27 56.360	+1.0374	+514	−63 13 35.03	+12.707	+361
127	ε Eridani	3.5	3 29 3.978	+2.8256	−658	− 9 44 6.63	+12.280	+ 12
128	[Horol. 45 G.]	5.8	3 30 7.817	+1.7836	+ 48	−50 39 23.08	+12.274	+ 80
130	[y Eridani]	4.5	3 34 9.067	+2.1517	− 16	−40 32 34.98	+11.889	− 24
129	[Gr. 716]	5.4	3 35 1.493	+5.1815	− 21	+62 57 8.25	+11.874	+ 22
131	δ Persei	3.0	3 37 4.755	+4.2610	+ 33	+47 31 35.22	+11.671	− 35
133	[δ Fornacis]	4.9	3 38 59.170	+2.3850	− 5	−32 11 59.19	+11.577	+ 7
132	[o Persei]	3.9	3 39 10.328	+3.7566	+ 8	+32 1 45.83	+11.540	− 17
135	[δ Eridani]	3.4	3 39 19.135	+2.8728	− 64	−10 2 24.72	+12.293	+747
134	ν Persei	3.9	3 39 37.027	+4.0677	− 6	+42 19 14.04	+11.520	− 5
136	[17 Tauri]	4.0	3 40 0.161	+3.5585	+ 17	+23 51 23.31	+11.454	− 44
137	[24 Eridani]	5.4	3 40 20.514	+3.0456	+ 1	− 1 25 15.57	+11.465	− 8
138	5 H. Camelop.	4.5	3 41 40.647	+6.2871	+ 42	+71 4 52.53	+11.337	− 40
139	η Tauri	3.0	3 42 36.405	+3.5623	+ 18	+23 51 9.00	+11.263	− 48
141	β Reticuli	3.8	3 43 9.979	+0.7434	+478	−65 3 53.56	+11.332	+ 62
140	τ^6 Eridani	4.1	3 43 19.142	+2.5798	−123	−23 29 28.28	+10.739	−519
142	[27 Tauri]	3.8	3 44 16.970	+3.5632	+ 14	+23 48 13.05	+11.144	− 45
143	g Eridani	4.1	3 46 23.117	+2.2448	− 40	−36 26 52.79	+10.984	− 52
146	γ Hydri	3.1	3 48 29.636	−0.9594	+123	−74 29 26.38	+10.991	+109
144	ζ Persei	2.9	3 48 58.410	+3.7662	+ 11	+31 38 28.06	+10.835	− 11
145	9 H. Camelop.	5.5	3 50 7.981	+5.0956	− 3	+60 52 11.88	+10.745	− 16
147	ε Persei	3.0	3 52 20.759	+4.0192	+ 23	+39 46 26.59	+10.568	− 29
148	ξ Persei	4.0	3 53 38.406	+3.8873	+ 10	+35 33 22.51	+10.492	− 8
149	γ Eridani	3.0	3 54 12.158	+2.7981	+ 42	−13 44 27.86	+10.347	−112
150	λ Tauri	(3.5)	3 56 8.085	+3.3212	− 5	+12 15 34.32	+10.301	− 13
151	ν Tauri	3.9	3 58 47.548	+3.1896	+ 4	+ 5 45 45.38	+10.104	− 10
153	[Erid. 174 G.]	5.7	4 2 14.604	+2.4719	+148	−27 52 31.72	+ 9.960	+108
152	c Persei	4.0	4 2 42.146	+4.3472	+ 33	+47 29 41.09	+ 9.785	− 32
154	o^1 Eridani	4.1	4 7 51.705	+2.9275	+ 8	− 7 3 2.17	+ 9.503	+ 82
155	α Horologii	3.7	4 11 16.950	+1.9855	+ 20	−42 29 45.89	+ 8.937	−219
156	α Reticuli	3.2	4 13 21.862	+0.7659	+ 50	−62 40 43.78	+ 9.041	+ 47
157	[γ Doradus]	4.2	4 13 52.519	+1.5680	+ 88	−51 41 35.20	+ 9.126	+172
160	υ^4 Eridani	3.3	4 14 47.384	+2.2684	+ 37	−33 59 52.62	+ 8.870	− 12
158	[54 Persei]	5.3	4 15 4.925	+3.8906	− 20	+34 22 11.49	+ 8.853	− 6
159	[γ Tauri]	3.7	4 15 7.473	+3.4118	+ 82	+15 25 49.90	+ 8.827	− 29

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
161	[Erid. 212 G.]	5.4	4ʰ 17ᵐ 4ˢ.410	+2ˢ.6181	+ 36	−20° 50′ 3″.45	+8″.718	+ 15
162	δ Tauri	3.8	4 18 12.213	+3.4575	+ 78	+17 21 4.17	+8.583	− 31
163	[η Reticuli]	5.3	4 20 59.923	+0.6426	+126	−63 34 51.26	+8.552	+160
166	[δ Mensae]	5.8	4 23 29.086	−4.1336	+ 98	−80 24 25.47	+8.266	+ 72
164	ε Tauri	3.5	4 23 49.577	+3.5009	+ 80	+18 59 58.50	+8.132	− 35
165	[1 Camel. seq.]	6.3	4 25 31.726	+4.7423	+ 7	+53 44 2.23	+8.031	0
167	[δ Caeli]	5.2	4 28 19.328	+1.8357	− 6	−45 7 45.65	+7.790	− 17
168	α Tauri	1	4 31 12.801	+3.4404	+ 49	+16 20 43.57	+7.384	−189
169	ν Eridani	3.8	4 32 13.242	+2.9967	+ 2	− 3 31 9.35	+7.487	− 4
171	α Doradus	3.2	4 32 13.465	+1.2954	+ 71	−55 12 50.18	+7.494	+ 3
170	[υ² Eridani]	3.5	4 32 21.690	+2.3311	− 46	−30 43 46.04	+7.474	− 6
172	53 Eridani	3.9	4 34 25.437	+2.7463	− 54	−14 27 48.91	+7.148	−164
174	τ Tauri	4.2	4 37 19.281	+3.5988	+ 5	+22 48 2.37	+7.057	− 19
173	Gr. 848	6.2	4 37 46.381	+8.0262	+107	+75 47 39.45	+6.905	−134
175	4 Camelop.	5.5	4 41 9.957	+4.9876	+ 61	+56 36 46.80	+6.614	−146
176	[μ Eridani]	3.8	4 41 24.086	+2.9991	+ 13	− 3 24 14.73	+6.729	− 12
177	[μ Mensae]	5.5	4 43 52.635	−0.6115	+ 17	−71 4 53.53	+6.565	+ 28
178	9 Camelop.	4.3	4 45 53.236	+5.9467	+ 5	+66 12 18.74	+6.380	+ 10
179	[π⁴ Orionis]	3.7	4 46 50.242	+3.1941	0	+ 5 27 56.73	+6.284	− 7
180	π⁵ Orionis	3.7	4 49 58.724	+3.1239	− 2	+ 2 18 26.22	+6.027	− 3
181	ι Aurigae	2.7	4 51 39.069	+3.9044	+ 10	+33 2 14.73	+5.870	− 20
183	ε Aurigae	(3.2)	4 56 4.881	+4.3012	+ 6	+43 42 11.52	+5.505	− 14
182	10 Camelop.	4.1	4 56 7.029	+5.3272	− 1	+60 19 26.43	+5.504	− 12
184	ι Tauri	4.8	4 58 11.570	+3.5847	+ 53	+21 28 26.11	+5.298	− 43
185	η Aurigae	3.3	5 0 45.698	+4.2040	+ 33	+41 7 29.35	+5.053	− 71
186	ε Leporis	3.2	5 1 59.366	+2.5393	+ 20	−22 28 49.42	+4.952	− 68
187	[η² Pictoris]	5.1	5 2 50.365	+1.5498	+ 35	−49 41 17.90	+4.954	+ 6
188	β Eridani	2.7	5 3 49.070	+2.9490	− 59	− 5 11 29.61	+4.786	− 79
189	[ζ Doradus]	4.7	5 4 6.092	+1.0234	− 71	−57 35 4.00	+4.944	+103
190	[λ Eridani]	4.2	5 5 13.297	+2.8706	+ 3	− 8 51 30.13	+4.742	− 4
192	μ Aurigae	5.1	5 7 48.878	+4.1028	− 13	+38 23 18.86	+4.446	− 79
191	19 H. Camelop.	5.1	5 9 0.837	+9.8354	−314	+79 8 23.97	+4.583	+160
194	β Orionis	1	5 10 35.773	+2.8825	+ 2	− 8 17 43.77	+4.288	0
193	α Aurigae	1	5 10 37.724	+4.4291	+ 85	+45 54 57.41	+3.857	−428
195	[τ Orionis]	3.7	5 13 37.439	+2.9124	− 12	− 6 55 55.67	+4.022	− 7
196	ϑ Doradus	4.8	5 13 48.996	−0.0525	+ 14	−67 16 39.22	+4.051	+ 39
197	[ο Columbae]	4.9	5 14 31.565	+2.1625	+ 63	−34 58 28.62	+3.623	−328
198	[Columb. 12 G.]	6.0	5 16 7.579	+2.3919	+ 8	−27 27 8.84	+3.803	− 11
199	[ζ Pictoris]	5.6	5 17 21.332	+1.4694	+ 9	−50 41 37.08	+3.935	+227
200	[η Orion. m.]	3.3	5 20 21.225	+3.0163	+ 5	− 2 28 17.92	+3.452	+ 1

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
			h m s	s		° ′ ″	″	
201	γ Orionis	1.7	5 20 43.931	+3.2172	— 3	+ 6 16 34.69	+3.397	— 20
202	β Tauri	1.8	5 21 6.425	+3.7916	+ 25	+28 32 21.69	+3.209	—177
203	17 Camelop.	5.9	5 22 25.229	+5.6599	— 3	+63 0 1.62	+3.271	— 1
204	[β Leporis]	2.9	5 24 43.912	+2.5708	+ 4	—20 49 26.75	+2.980	— 93
206	δ Orionis	2.2	5 27 48.988	+3.0644	0	— 0 21 32.07	+2.804	— 2
205	Gr. 966	6.6	5 28 45.041	+8.0101	— 8	+74 59 31.12	+2.745	+ 20
207	α Leporis	2.6	5 29 6.782	+2.6456	+ 2	—17 52 48.70	+2.696	+ 2
208	[ψ¹ Orionis]	4.6	5 30 19.082	+3.2928	— 1	+ 9 26 5.94	+2.579	— 10
209	ι Orionis	2.8	5 31 25.290	+2.9346	+ 4	— 5 57 46.37	+2.489	— 4
210	ε Orionis	1.6	5 32 3.113	+3.0437	+ 1	— 1 15 12.18	+2.435	— 3
211	ζ Tauri	3.0	5 32 44.595	+3.5851	+ 6	+21 5 36.97	+2.353	— 26
212	β Doradus	3.7	5 32 54.693	+0.5174	— 13	—62 32 35.83	+2.362	— 2
213	[σ Orionis]	3.8	5 34 37.734	+3.0113	0	— 2 38 47.37	+2.214	— 1
214	[γ Mensae]	5.3	5 35 7.354	—2.3907	+279	—76 24 0.26	+2.470	+298
215	α Columbae	2.4	5 36 40.721	+2.1718	— 1	—34 7 2.06	+1.999	— 37
216	ο Aurigae	5.7	5 39 32.798	+4.6467	— 6	+49 47 30.48	+1.778	— 9
217	[γ Leporis]	3.8	5 41 2.704	+2.5016	—201	—22 28 27.88	+1.280	—376
218	[130 Tauri]	5.8	5 42 39.309	+3.4983	+ 4	+17 41 58.15	+1.510	— 6
219	ζ Leporis	3.5	5 43 14.366	+2.7181	— 12	—14 51 6.00	+1.463	— 2
220	κ Orionis	2.1	5 43 52.024	+2.8452	+ 4	— 9 41 52.38	+1.407	— 3
221	[ν Aurigae]	3.9	5 45 48.341	+4.1572	— 4	+39 7 32.81	+1.252	+ 11
222	[δ Leporis]	3.8	5 47 47.677	+2.5800	+165	—20 53 7.08	+0.415	—653
223	[β Columbae]	2.9	5 48 4.063	+2.1136	+ 33	—35 47 54.39	+1.447	+404
224	α Orionis	1	5 50 43.919	+3.2480	+ 20	+ 7 23 34.21	+0.824	+ 13
226	[η Leporis]	3.6	5 52 40.191	+2.7325	— 27	—14 10 54.54	+0.781	+140
225	δ Aurigae	3.8	5 52 46.505	+4.9401	+100	+54 16 47.84	+0.510	—122
227	β Aurigae	1.9	5 53 30.833	+4.4015	— 42	+44 56 25.54	+0.560	— 8
228	ϑ Aurigae	2.7	5 54 7.777	+4.0919	+ 49	+37 12 29.07	+0.426	— 87
229	η Columbae	3.9	5 56 38.199	+1.8367	+ 22	—42 49 9.45	+0.261	— 34
230	[66 Orionis]	5.9	6 0 38.377	+3.1694	— 6	+ 4 9 51.05	—0.071	— 15
231	[Puppis 1 G.]	5.8	6 2 6.794	+1.7264	— 83	—45 2 8.72	+0.047	+232
232	ν Orionis	4.4	6 2 53.415	+3.4263	+ 11	+14 46 45.18	—0.284	— 31
233	[36 Camelop.]	5.6	6 4 36.079	+6.0364	— 5	+65 44 11.62	—0.431	— 29
235	[δ Pictoris]	5.0	6 8 42.020	+1.1668	— 22	—54 57 0.13	—0.768	— 7
234	22 H. Camelop.	4.6	6 9 48.801	+6.6171	+ 16	+69 21 2.90	—0.960	—102
236	η Geminor.	3.3	6 9 55.688	+3.6224	— 42	+22 31 54.21	—0.881	— 13
237	[2 Lyncis]	4.4	6 12 23.376	+5.2965	— 7	+59 2 32.23	—1.054	+ 29
239	[α Mensae]	5.1	6 12 40.808	—1.7896	+237	—74 43 31.88	—1.334	—226
238	[κ Columbae]	4.4	6 13 38.066	+2.1341	— 6	—35 6 45.43	—1.118	+ 74
240	ζ Canis maj.	2.9	6 17 9.878	+2.3027	+ 2	—30 1 34.23	—1.496	+ 4

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
241	μ Geminor.	2.9	6h 18m 0s.016	+ 3s.6308	+ 48	+22° 33′ 24″.61	−1″.684	− 111
242	ψ¹ Aurigae	5.1	6 18 35.072	+ 4.6238	+ 9	+49 19 52.33	−1.627	− 3
243	β Canis maj.	2.0	6 19 5.295	+ 2.6418	− 4	−17 54 51.70	−1.666	+ 2
244	8 Monocer.	4.5	6 19 25.390	+ 3.1800	− 7	+ 4 38 7.63	−1.693	+ 4
245	α Argus	1	6 22 7.825	+ 1.3314	+ 16	−52 39 1.64	−1.921	+ 11
246	10 Monocer.	5.0	6 23 54.623	+ 2.9629	− 2	− 4 42 38.01	−2.082	+ 5
247	8 Lyncis	6.3	6 30 11.998	+ 5.4898	−284	+61 33 17.60	−2.911	− 277
249	ξ² Canis maj.	4.6	6 31 37.157	+ 2.5141	+ 5	−22 53 56.62	−2.743	+ 13
248	23 H. Camelop.	5.6	6 32 15.809	+10.2940	−279	+79 39 22.57	−3.436	− 622
251	γ Geminor.	2.0	6 32 58.528	+ 3.4671	+ 34	+16 28 13.16	−2.920	− 45
250	51 Aurigae	6.1	6 32 58.694	+ 4.1597	− 18	+39 27 51.70	−2.989	− 114
252	ν Argus	3.1	6 35 15.109	+ 1.8355	− 4	−43 7 24.89	−3.091	− 20
253	S Monocer.	(4.4)	6 36 27.769	+ 3.3053	+ 6	+ 9 58 21.34	−3.181	− 5
254	ε Geminor.	3.1	6 38 53.304	+ 3.6932	+ 3	+25 12 48.44	−3.400	− 15
256	ξ Geminor.	3.4	6 40 41.268	+ 3.3685	− 75	+12 59 5.99	−3.739	− 199
255	[ψ⁵ Aurigae]	5.5	6 40 49.875	+ 4.3284	+ 6	+43 39 36.97	−3.398	+ 154
257	α Canis maj.[1])	1	6 41 32.179	+ 2.6438	−370	−16 36 10.20	−4.825	−1212
258	18 Monocer.	4.7	6 43 35.159	+ 3.1298	− 2	+ 2 30 10.02	−3.809	− 20
259	[43 Camelop.]	5.1	6 44 52.268	+ 6.4865	+ 16	+68 59 7.87	−3.897	+ 3
264	[ζ Mensae]	5.7	6 46 53.621	− 4.9463	− 36	−80 43 41.93	−3.988	+ 85
262	α Pictoris	3.2	6 47 21.057	+ 0.6179	−100	−61 51 11.07	−3.856	+ 256
261	ϑ Geminor.	3.4	6 47 23.179	+ 3.9576	+ 7	+34 3 40.57	−4.170	− 55
263	[τ Argus]	2.9	6 47 54.068	+ 1.4888	+ 29	−50 30 59.86	−4.255	− 96
260	[24 H. Camel.]	4.6	6 48 7.650	+ 8.7939	+217	+77 5 4.02	−4.191	− 13
265	15 Lyncis	4.6	6 50 10.851	+ 5.2039	0	+58 31 54.55	−4.484	− 130
266	ϑ Canis maj.	4.1	6 50 22.813	+ 2.7876	− 94	−11 56 6.26	−4.385	− 13
267	[ι Volantis]	5.4	6 52 23.541	− 0.6784	− 4	−70 51 41.20	−4.531	+ 12
268	ε Canis maj.	1.5	6 55 24.148	+ 2.3576	0	−28 51 35.13	−4.797	+ 1
269	ζ Geminor.	(3.8)	6 59 14.809	+ 3.5606	0	+20 41 30.06	−5.127	− 3
270	[o² Canis maj.]	3.1	6 59 36.019	+ 2.5053	− 2	−23 42 45.85	−5.154	0
271	γ Canis maj.	4.0	7 0 2.944	+ 2.7152	+ 8	−15 30 40.79	−5.205	− 12
272	[Carinae 27 G.]	5.5	7 2 46.548	+ 1.1173	− 24	−56 37 29.48	−5.430	− 7
273	δ Canis maj.	1.9	7 5 3.394	+ 2.4389	− 8	−26 15 44.20	−5.611	+ 3
274	63 Aurigae	5.0	7 6 1.082	+ 4.1317	+ 45	+39 27 20.00	−5.694	0
275	[J Puppis]	4.5	7 10 13.294	+ 1.7095	−148	−46 37 18.72	−5.956	+ 90
276	[64 Aurigae]	6.0	7 12 20.321	+ 4.1778	− 3	+41 1 48.40	−6.219	+ 3
277	λ Geminor.	3.6	7 13 22.905	+ 3.4499	− 31	+16 41 21.44	−6.353	− 44
278	π Argus	2.5	7 14 14.758	+ 2.1184	− 14	−36 56 58.60	−6.378	+ 3
279	δ Geminor.	3.3	7 15 13.656	+ 3.5862	− 11	+22 8 4.00	−6.473	− 10
280	19 Lync. seq.	5.5	7 16 10.954	+ 4.9063	− 1	+55 26 14.34	−6.576	− 34

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
281	δ Volantis	4.0	7h 16m 52s.613	—0s.0201	+ 4	—67° 48′ 25″.91	— 6″.611	— 12
282	ι Geminor.	3.8	7 20 38.173	+3.7303	— 83	+27 57 43.84	— 6.994	— 85
283	[η Can. maj.]	2.4	7 20 51.083	+2.3730	— 5	—29 8 32.36	— 6.913	+ 13
284	Gr. 1308	5.8	7 22 21.637	+6.2699	— 7	+68 38 5.79	— 7.094	— 44
285	β Canis min.	2.9	7 22 42.297	+3.2554	— 31	+ 8 27 19.87	— 7.118	— 41
286	ρ Geminor.	4.4	7 23 50.382	+3.8631	+122	+31 56 55.59	— 6.988	+ 183
287	α Gemin.[2])	1.8,2.8	7 29 22.117	+3.8343	—129	+32 4 11.36	— 7.702	— 81
288	[Pupp. 108 G.]	4.7	7 30 32.550	+2.5675	— 39	—22 7 6.41	— 7.697	+ 18
289	25 Monocer.	5.3	7 33 12.104	+2.9837	— 47	— 3 55 37.28	— 7.909	+ 20
290	[f Puppis]	4.7	7 34 20.017	+2.2193	— 27	—34 47 0.23	— 8.004	+ 16
291	α Can. min.[3])	0.5	7 35 0.623	+3.1422	—469	+ 5 26 10.01	— 9.102	—1028
292	24 Lyncis	5.0	7 36 4.636	+5.0917	— 47	+58 54 13.14	— 8.213	— 53
293	[26 Monocer.]	4.0	7 37 19.760	+2.8663	— 57	— 9 21 32.50	— 8.281	— 21
294	κ Geminor.	3.4	7 39 29.984	+3.6261	— 15	+24 35 44.47	— 8.486	— 54
295	β Geminor.	1.1	7 40 18.046	+3.6756	—468	+28 13 31.10	— 8.548	— 53
296	π Geminor.	5.5	7 42 13.376	+3.8742	— 1	+33 37 4.93	— 8.678	— 31
297	ζ Volantis	3.9	7 42 50.102	—0.7244	+ 8	—72 24 33.63	— 8.688	+ 8
298	[Pupp. 205 G.]	5.7	7 47 58.500	+2.7787	— 41	—13 40 46.85	— 9.441	— 343
299	[26 Lyncis]	5.7	7 48 44.817	+4.3786	— 40	+47 46 42.09	— 9.165	— 7
301	[α Puppis]	3.7	7 49 23.858	+2.0619	— 18	—40 21 49.25	— 9.208	+ 1
300	Gr. 1374	5.5	7 50 24.437	+7.2378	— 30	+74 8 20.27	— 9.319	— 32
303	χ Argus	3.5	7 54 41.682	+1.5270	— 32	—52 45 42.54	— 9.594	+ 24
302	[53 Camelop.]	6.3	7 54 42.918	+5.1462	— 30	+60 32 59.94	— 9.641	— 21
304	[27 Monocer.]	5.2	7 55 38.443	+2.9994	— 27	— 3 27 18.36	— 9.682	+ 9
305	χ Geminor.	5.1	7 58 29.103	+3.6896	— 15	+28 1 30.89	— 9.953	— 46
306	ζ Argus	2.2	8 0 42.073	+2.1077	— 34	—39 46 17.58	—10.065	+ 10
307	27 Lyncis	4.6	8 2 17.792	+4.5259	— 59	+51 44 39.33	—10.201	— 4
308	ι Navis	2.8	8 4 3.087	+2.5547	— 64	—24 4 2.02	—10.281	+ 47
309	γ Argus	2.1	8 7 0.294	+1.8488	— 12	—47 5 39.95	—10.553	— 4
310	Br. 1147	5.8	8 9 16.585	+7.6111	+ 58	+76 0 33.20	—10.700	+ 17
311	20 Navis	5.3	8 9 33.849	+2.7581	— 8	—15 32 25.59	—10.744	— 6
312	β Cancri	3.5	8 12 4.192	+3.2560	— 30	+ 9 26 20.82	—10.975	— 52
313	[q Puppis]	4.4	8 15 29.066	+2.2441	—104	—36 24 16.52	—11.083	+ 89
314	31 Lyncis	4.4	8 17 13.659	+4.1177	— 8	+43 27 7.82	—11.406	— 108
315	ε Argus	1.7	8 20 49.984	+1.2346	— 32	—59 14 42.65	—11.542	+ 15
316	Br. 1197	3.6	8 21 33.847	+2.9993	— 41	— 3 38 17.20	—11.630	— 21
318	ϑ Chamael.	4.2	8 23 7.332	—1.7528	—457	—77 13 13.39	—11.691	+ 30
317	o Ursae maj.	3.3	8 23 27.854	+5.0085	—174	+60 59 36.83	—11.855	— 111
319	[β Volantis]	3.7	8 24 50.947	+0.6611	— 54	—65 51 47.14	—12.019	— 177
320	Gr. 1450	6.3	8 27 35.440	+3.9083	— 83	+38 17 55.02	—12.205	— 170

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
321	η Cancri	5.6	8h 27m 58s.180	+3s.4739	— 26	+20° 43′ 14″.14	—12″.112	— 50
322	[Gr. 1446]	6.4	8 30 37.391	+6.7389	— 36	+73 55 4.67	—12.350	—104
323	[Gr. 1460]	6.3	8 33 13.567	+4.4605	— 38	+52 59 59.97	—12.461	— 35
324	[e Velorum]	4.2	8 34 45.569	+2.1079	— 22	—42 42 6.29	—12.538	— 7
325	[6 Hydrae]	5.4	8 36 8.360	+2.8421	— 64	—12 11 5.25	—12.627	— 3
326	δ Cancri	3.9	8 40 1.663	+3.4134	— 9	+18 27 23.36	—13.123	—236
327	α Pyxidis	3.7	8 40 17.796	+2.4099	— 15	—32 53 24.55	—12.893	+ 12
328	ι Cancri	4.1	8 41 44.339	+3.6367	— 12	+29 3 38.56	—13.048	— 47
329	[ε Hydrae]	3.3	8 42 26.113	+3.1797	— 126	+ 6 43 13.61	—13.098	— 50
330	δ Argus	2.0	8 42 26.372	+1.6574	+ 22	—54 24 27.87	—13.141	— 93
331	[η Chamael.]	5.9	8 44 8.433	—1.9716	— 151	—78 39 57.81	—13.127	+ 34
332	[γ Pyxidis]	4.2	8 47 3.089	+2.5459	— 100	—27 24 18.13	—13.258	+ 93
333	[σ² Cancri med.]	5.6	8 49 14.738	+3.6670	+ 31	+30 53 26.74	—13.520	— 26
334	ζ Hydrae	3.1	8 51 3.645	+3.1738	— 64	+ 6 15 30.15	—13.599	+ 12
336	c Carinae	4.0	8 53 11.437	+1.3628	— 26	—60 19 50.90	—13.695	+ 52
335	ι Ursae maj.	2.9	8 53 36.071	+4.1212	— 437	+48 21 52.12	—14.020	—247
337	α Cancri	4.1	8 54 0.278	+3.2844	+ 26	+12 10 33.28	—13.834	— 35
338	[ρ Ursae maj.]	4.9	8 55 10.310	+5.4509	— 34	+67 57 1.36	—13.857	+ 15
339	10 Ursae maj.	3.9	8 55 19.410	+3.9057	— 383	+42 6 29.71	—14.147	—264
340	[Gr. 1501]	5.9	8 58 0.507	+4.4134	— 8	+54 36 29.00	—14.048	+ 3
341	κ Ursae maj.	3.3	8 58 2.085	+4.1093	— 27	+47 28 54.13	—14.117	— 65
343	α Volantis	4.1	9 1 9.333	+0.9534	— 8	—66 4 7.04	—14.359	—114
342	[c Velorum]	3.9	9 1 19.457	+2.0663	— 70	—46 46 15.19	—14.284	— 28
344	σ² Ursae maj.	4.9	9 3 11.877	+5.3168	— 16	+67 28 7.15	—14.437	— 67
345	λ Argus	2.1	9 4 58.683	+2.2045	— 33	—43 6 3.53	—14.470	+ 9
346	[36 Lyncis]	5.3	9 8 26.844	+3.9356	— 18	+43 33 23.72	—14.729	— 42
347	ϑ Hydrae	3.9	9 10 5.967	+3.1235	+ 89	+ 2 39 39.19	—15.098	—313
348	β Argus	1.7	9 12 18.354	+0.6695	— 303	—69 22 45.42	—14.818	+ 97
349	[38 Lyncis]	3.9	9 13 44.831	+3.7426	— 18	+37 9 1.34	—15.128	—129
350	83 Cancri	6.7	9 14 24.452	+3.3527	— 80	+18 3 13.24	—15.172	—135
351	[ι Argus]	2.2	9 14 53.675	+1.6060	— 35	—58 55 50.91	—15.063	+ 2
352	40 Lyncis	3.2	9 16 3.863	+3.6626	— 178	+34 44 24.13	—15.120	+ 12
353	κ Argus	2.5	9 19 34.381	+1.8564	— 22	—54 39 36.18	—15.330	+ 2
354	α Hydrae	2.0	9 23 33.507	+2.9489	— 7	— 8 18 9.19	—15.522	+ 32
355	h Ursae maj.	3.5	9 25 4.856	+4.7606	+ 168	+63 25 16.84	—15.610	+ 28
356	[ε Antliae]	4.7	9 25 51.570	+2.4743	— 25	—35 35 32.11	—15.694	— 14
357	d Ursae maj.	4.5	9 27 15.458	+5.3543	— 120	+70 11 30.55	—15.681	+ 75
358	ϑ Ursae maj.	3.1	9 27 22.933	+4.0286	—1027	+52 3 6.52	—16.309	—546
359	ψ Argus	3.6	9 27 28.124	+2.3605	— 172	—40 6 25.80	—15.693	+ 74
361	[N Velorum]	3.0	9 28 43.819	+1.8230	— 36	—56 40 19.74	—15.834	+ 1

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
			h m s	s		° ′ ″	″	
360	10 Leon. min.	4.6	9 29 12.331	+3.6844	+ 13	+36 45 44.50	—15.887	— 26
362	[*H* Carinae]	5.8	9 30 59.955	+0.4668	— 61	—72 43 1.69	—15.973	— 17
363	[Gr. 1564]	5.9	9 35 15.133	+5.1825	—131	+69 36 41.97	—16.252	— 74
364	[κ Hydrae]	5.1	9 36 22.510	+2.8761	— 18	—13 57 34.63	—16.247	— 11
365	[ο Leonis]	3.8	9 36 46.576	+3.2049	— 94	+10 15 57.59	—16.294	— 37
366	ϑ Antliae	5.0	9 40 32.726	+2.6728	— 40	—27 23 36.73	—16.412	+ 35
367	ε Leonis	3.0	9 41 12.013	+3.4108	— 31	+24 9 8.72	—16.498	— 17
369	υ Argus	3.0	9 45 3.173	+1.5011	— 21	—64 41 28.70	—16.671	— 1
368	υ Ursae maj.	3.8	9 45 10.327	+4.2900	—379	+59 25 30.74	—16.830	—154
370	6 Sextantis	6.2	9 47 6.147	+3.0241	+ 8	— 3 51 30.75	—16.799	— 30
371	[μ Leonis]	4.0	9 48 6.217	+3.4174	—162	+26 23 37.60	—16.873	— 56
373	[Hydrae 183 G.]	5.5	9 51 0.155	+2.8300	— 24	—18 37 14.20	—17.019	— 66
372	Gr. 1586	6.3	9 51 5.042	+5.4258	—179	+73 16 13.00	—17.002	— 45
374	[19 Leon. min.]	5.2	9 52 40.121	+3.6851	—100	+41 26 48.22	—17.058	— 27
375	[φ Argus]	3.7	9 53 58.908	+2.1031	— 21	—54 10 37.51	—17.093	— 2
377	[η Antliae]	5.3	9 55 21.061	+2.5712	— 83	—35 29 52.97	—17.177	— 24
376	[12 Sextantis]	6.7	9 55 27.943	+3.1136	— 47	+ 3 46 38.48	—17.131	+ 27
378	π Leonis	4.9	9 55 52.914	+3.1728	— 21	+ 8 26 17.41	—17.202	— 25
379	η Leonis	3.4	10 2 51.870	+3.2743	— 2	+17 9 46.88	—17.490	— 6
380	α Leonis	1.3	10 4 0.421	+3.1981	—167	+12 22 6.35	—17.533	— 1
381	λ Hydrae	3.7	10 6 35.436	+2.9250	—134	—11 56 53.84	—17.728	— 87
382	*q* Velorum	3.9	10 11 17.422	+2.5132	—154	—41 42 54.85	—17.788	+ 45
385	[ω Argus]	3.4	10 11 47.533	+1.4329	— 28	—69 37 49.70	—17.853	0
384	ζ Leonis	3.4	10 12 7.979	+3.3418	+ 15	+23 49 35.27	—17.873	— 7
383	λ Ursae maj.	3.4	10 12 9.485	+3.6293	—148	+43 19 27.55	—17.916	— 49
386	μ Ursae maj.	3.0	10 17 27.022	+3.5847	— 70	+41 54 44.43	—18.048	+ 24
387	30 H. Urs. maj.	5.0	10 18 14.151	+4.3584	— 25	+65 58 54.10	—18.120	— 18
388	[25 Sextantis]	6.2	10 19 17.815	+3.0323	— 40	— 3 39 33.36	—18.144	— 2
389	μ Hydrae	3.9	10 22 7.451	+2.9011	— 85	—16 25 2.35	—18.327	— 82
391	*J* Carinae	4.1	10 22 46.189	+1.1953	— 67	—73 36 50.22	—18.285	— 17
390	31 Leon. min.	4.2	10 23 8.831	+3.4780	— 96	+37 7 40.31	—18.388	—106
392	Lac. α Antliae	4.2	10 23 23.863	+2.7425	— 62	—30 38 59.66	—18.281	+ 10
393	*s* Carinae	4.1	10 24 51.914	+2.1962	— 32	—58 19 13.55	—18.357	— 14
394	36 Ursae maj.	4.8	10 25 23.382	+3.8580	—216	+56 24 5.54	—18.395	— 33
395	9 H. Dracon.	4.9	10 28 9.824	+5.1751	— 96	+76 8 9.73	—18.461	— 4
396	[ρ Leonis]	3.8	10 28 29.702	+3.1612	— 6	+ 9 43 44.26	—18.474	— 5
397	[*p* Carinae]	3.5	10 29 6.383	+2.1294	— 18	—61 15 47.49	—18.484	+ 5
398	[37 Ursae maj.]	5.2	10 29 53.464	+3.8847	+ 83	+57 30 19.58	—18.480	+ 36
399	[44 Hydrae]	5.6	10 30 6.812	+2.8522	— 2	—23 19 20.15	—18.503	+ 21
400	[*p* Velorum]	4.0	10 33 51.025	+2.5133	—183	—47 47 58.17	—18.679	— 34

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
			h m s	s		° ′ ″	″	
401	[γ Chamael.]	4.2	10 34 30.674	+0.7336	−116	−78 10 56.06	−18.637	+ 30
402	[x Velorum]	4.4	10 36 2.179	+2.3770	− 75	−55 10 33.82	−18.736	− 21
403	[35 H. Urs. maj.]	5.1	10 37 12.997	+4.3344	− 19	+69 30 19.92	−18.770	− 18
404	33 Sextantis	6.6	10 37 13.928	+3.0525	− 94	− 1 18 36.72	−18.878	−125
405	[41 Leon. min.]	5.2	10 38 57.650	+3.2670	− 81	+23 37 5.24	−18.793	+ 13
406	ϑ Argus	2.8	10 40 1.696	+2.1347	− 26	−63 57 52.36	−18.833	+ 4
407	42 Leon. min.	5.3	10 41 18.583	+3.3427	− 15	+31 6 52.52	−18.913	− 37
408	μ Argus	2.7	10 43 14.270	+2.5725	+ 49	−48 59 12.19	−18.996	− 65
409	*l* Leonis	5.4	10 44 56.921	+3.1558	− 3	+10 58 45.82	−19.011	− 30
411	[δ² Chamael.]	4.7	10 45 1.908	+0.5986	−119	−80 6 27.16	−18.973	+ 9
410	[ν Hydrae]	3.2	10 45 34.682	+2.9589	+ 66	−15 45 51.41	−18.803	+195
412	[46 Leon. min.]	3.9	10 48 43.845	+3.3629	+ 76	+34 39 26.19	−19.366	−282
414	[ι Antliae]	4.9	10 52 53.612	+2.7914	+ 62	−36 41 48.21	−19.329	−137
413	[Br. 1508]	6.4	10 53 26.118	+4.8803	−259	+78 12 35.60	−19.232	− 26
415	*i* Velorum	4.5	10 56 23.331	+2.7474	+ 20	−41 47 9.10	−19.282	− 4
416	β Ursae maj.	2.3	10 56 54.204	+3.6384	+101	+56 49 19.99	−19.264	+ 26
417	α Ursae maj.	1.8	10 58 40.790	+3.7252	−174	+62 11 38.18	−19.404	− 72
418	χ Leonis	4.8	11 0 47.306	+3.0963	−231	+ 7 46 46.52	−19.426	− 46
419	[χ Hydrae]	4.8	11 1 22.696	+2.8861	−154	−26 51 2.88	−19.400	− 7
420	ψ Ursae maj.	3.0	11 5 3.585	+3.3836	− 57	+44 56 37.05	−19.508	− 36
421	β Crateris	4.3	11 7 37.383	+2.9480	0	−22 22 40.40	−19.622	− 98
422	δ Leonis	2.4	11 9 44.997	+3.1947	+106	+20 58 23.42	−19.702	−136
423	ϑ Leonis	3.3	11 9 56.335	+3.1508	− 43	+15 52 40.73	−19.651	− 81
424	[Gr. 1757]	6.1	11 12 4.988	+3.3926	− 97	+49 55 26.12	−19.631	− 22
425	ν Ursae maj.	3.4	11 14 3.240	+3.2475	− 16	+33 32 30.83	−19.622	+ 22
426	δ Crateris	3.6	11 15 14.375	+2.9976	− 88	−14 20 4.66	−19.464	+200
427	σ Leonis	4.1	11 16 54.543	+3.0948	− 62	+ 6 28 44.13	−19.704	− 12
428	π Centauri	4.1	11 17 15.726	+2.7270	− 41	−54 2 29.37	−19.711	− 13
429	Gr. 1771	6.2	11 17 59.733	+3.5887	− 10	+64 46 46.10	−19.675	+ 34
430	[ι Leonis]	4.0	11 19 39.040	+3.1287	+106	+10 58 51.67	−19.819	− 84
431	[γ Crateris]	4.0	11 20 47.015	+2.9949	− 72	−17 14 0.27	−19.746	+ 7
432	[58 Ursae maj.]	6.1	11 26 5.232	+3.2561	− 44	+43 37 24.43	−19.755	+ 72
433	λ Draconis	3.6	11 26 33.166	+3.5924	− 80	+69 47 1.59	−19.854	− 21
434	ξ Hydrae	3.6	11 28 57.920	+2.9458	−167	−31 24 13.64	−19.905	− 43
435	[*C* Centauri]	5.5	11 31 56.747	+2.8978	+ 13	−47 11 12.37	−19.942	− 47
436	λ Centauri	3.3	11 31 59.491	+2.7530	− 58	−62 33 57.66	−19.913	− 17
437	υ Leonis	4.4	11 32 45.012	+3.0717	+ 1	− 0 22 15.47	−19.868	+ 36
438	[π Chamael.]	6.1	11 33 52.308	+2.4594	−278	−75 26 32.92	−19.920	− 5
439	[ο Hydrae]	4.8	11 36 8.224	+2.9749	− 30	−34 17 24.34	−19.936	+ 1
440	3 Draconis	5.4	11 37 54.719	+3.3708	− 78	+67 11 55.98	−19.913	+ 40

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
441	χ Ursae maj.	3.8	11h 41m 43s.588	+3s.1785	−133	+48° 14′ 2″.74	−19″.962	+ 20
442	[λ Muscae]	3.7	11 41 43.697	+2.8153	−152	−66 16 26.89	−19.962	+ 20
443	[Centauri 65 G.]	4.2	11 42 32.404	+2.8887	− 25	−60 43 21.06	−20.022	− 35
444	β Leonis	2.1	11 44 52.706	+3.0622	−341	+15 1 49.78	−20.120	−118
445	β Virginis	3.5	11 46 25.436	+3.1252	+494	+ 2 13 36.60	−20.286	−276
446	[B Centauri]	4.8	11 47 2.302	+2.9868	−111	−44 43 2.55	−20.059	− 46
447	γ Ursae maj.	2.3	11 49 31.470	+3.1679	+108	+54 9 2.31	−20.022	+ 2
448	[ε Chamael.]	5.0	11 55 32.004	+2.9365	−161	−77 45 54.69	−20.050	− 9
449	[Centauri 88 G.]	5.5	11 59 24.359	+3.0962	+267	−41 58 29.72	−20.168	−122
450	o Virginis	4.1	12 1 1.963	+3.0569	−147	+ 9 11 17.98	−20.007	+ 38
451	[Gr. 1852]	6.0	12 1 6.123	+3.0878	+438	+77 21 51.36	−20.142	− 96
452	δ Centauri	2.7	12 4 6.113	+3.0971	− 44	−50 15 56.62	−20.060	− 18
453	ε Corvi	3.0	12 5 54.276	+3.0816	− 51	−22 9 49.44	−20.028	+ 11
454	4 H. Draconis	5.0	12 8 22.453	+2.8439	+ 23	+78 4 18.71	−20.009	+ 23
455	[δ Crucis]	3.0	12 10 46.937	+3.1693	− 50	−58 17 34.53	−20.050	− 27
456	δ Ursae maj.	3.4	12 11 22.494	+2.9822	+136	+57 29 17.21	−20.018	+ 3
457	[γ Corvi]	2.4	12 11 35.199	+3.0822	−112	−17 5 12.17	−20.003	+ 17
458	[2 Can. ven.]	5.9	12 12 1.282	+3.0141	+ 26	+41 6 59.34	−20.063	− 45
459	β Chamael.	4.4	12 13 30.467	+3.4580	−142	−78 51 25.10	−19.999	+ 12
460	η Virginis	3.7	12 15 42.606	+3.0688	− 42	− 0 12 40.32	−20.021	− 23
461	[6 Can. ven.]	5.3	12 21 48.764	+2.9614	− 67	+39 28 24.39	−19.991	− 36
462	α Crucis md.	1.0	12 22 1.876	+3.3162	− 44	−62 38 42.50	−19.984	− 31
463	[Hydr. 323 G.]	5.7	12 22 32.123	+3.1544	− 14	−32 22 32.67	−19.998	− 49
464	[σ Centauri]	4.1	12 23 35.900	+3.2315	− 36	−49 46 35.94	−19.972	− 33
466	20 Comae	6.0	12 25 36.191	+3.0170	+ 26	+21 21 0.05	−19.959	− 39
465	δ Corvi	2.8	12 25 37.146	+3.1011	−145	−16 3 32.57	−20.062	−142
467	[74 Ursae maj.]	5.6	12 26 7.860	+2.8114	− 96	+58 51 24.36	−19.827	+ 88
468	[γ Crucis]	1.6	12 26 36.476	+3.3104	+ 26	−56 39 15.26	−20.188	−278
469	[γ Muscae]	3.9	12 27 33.178	+3.5486	− 82	−71 40 48.89	−19.922	− 22
470	8 Can. ven.	4.3	12 29 51.139	+2.8550	−625	+41 48 10.18	−19.596	+280
472	κ Draconis	3.6	12 29 59.451	+2.5756	−117	+70 14 24.26	−19.866	+ 7
471	β Corvi	2.6	12 30 4.563	+3.1462	− 4	−22 56 36.40	−19.932	− 59
473	24 Comae seq.	5.1	12 31 1.079	+3.0114	+ 2	+18 49 41.92	−19.844	+ 18
474	α Muscae	2.8	12 32 16.774	+3.5479	− 55	−68 41 2.35	−19.879	− 32
475	[χ Virginis]	4.9	12 35 0.757	+3.0947	− 49	− 7 32 40.34	−19.849	− 37
476	γ Centauri	2.3	12 36 59.182	+3.2950	−205	−48 30 34.70	−19.804	− 19
477	[γ Virgin. m.]	3.5,3.5	12 37 30.257	+3.0389	−375	− 0 59 59.66	−19.773	+ 5
478	76 Ursae maj.	6.2	12 37 59.330	+2.6323	− 45	+63 9 47.13	−19.788	− 17
479	[Hydr. 330 G.]	5.9	12 39 38.050	+3.1917	− 26	−27 52 27.14	−19.796	− 50
480	[β Muscae]	3.2	12 41 14.220	+3.6493	− 53	−67 39 34.08	−19.753	− 31

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
			h m s	s		° ' "	"	
481	β Crucis	1.4	12 42 55.139	+3.4848	− 59	−59 14 26.55	−19.722	− 27
482	n Centauri	4.4	12 48 53.309	+3.3123	+ 45	−39 43 59.76	−19.629	− 37
483	ε Ursae maj.	1.7	12 50 25.579	+2.6473	+137	+56 24 16.85	−19.573	− 11
484	δ Virginis	3.4	12 51 28.335	+3.0211	−315	+ 3 50 33.88	−19.605	− 63
485	12 Can.ven.sq.	2.8	12 52 11.679	+2.8105	−199	+38 45 39.45	−19.478	+ 50
486	8 Draconis	5.2	12 52 12.951	+2.3969	− 15	+65 52 59.17	−19.561	− 34
487	[δ Muscae]	3.6	12 56 36.452	+4.0802	+528	−71 6 24.91	−19.473	− 36
488	ε Virginis	2.8	12 58 5.702	+2.9866	−185	+11 23 58.58	−19.387	+ 18
489	[ξ^2 Centauri]	4.3	13 2 6.898	+3.4876	− 35	−49 28 2.83	−19.343	− 30
490	ϑ Virginis	4.3	13 5 42.152	+3.1040	− 24	− 5 6 5.67	−19.267	− 39
491	[17 Can. ven.]	6.1	13 6 17.442	+2.7588	− 59	+38 56 3.62	−19.181	+ 32
492	43 Comae	4.2	13 8 2.897	+2.8020	−602	+28 17 36.57	−18.289	+879
493	[η Muscae]	5.0	13 9 40.559	+4.0333	− 33	−67 27 37.70	−19.156	− 30
494	[20 Can. ven.]	4.6	13 13 52.090	+2.6939	−107	+41 0 13.99	−19.005	+ 8
495	γ Hydrae	3.1	13 14 27.617	+3.2566	+ 51	−22 44 21.66	−19.050	− 53
496	ι Centauri	2.9	13 15 58.865	+3.3626	−293	−36 16 48.59	−19.046	− 92
497	ζ Urs. maj. pr.	2.2	13 20 37.614	+2.4206	+144	+55 21 11.79	−18.843	− 25
498	α Virginis	1.1	13 20 52.240	+3.1574	− 28	−10 44 1.35	−18.844	− 33
499	Gr. 2001	6.2	13 24 2.496	+1.5267	+ 35	+72 49 1.39	−18.727	− 15
500	69 H. Urs. maj.	5.5	13 25 26.665	+2.2059	−110	+60 22 8.48	−18.631	+ 37
501	ζ Virginis	3.3	13 30 30.808	+3.0552	−190	− 0 10 37.66	−18.467	+ 35
502	17 H. Can. ven.	4.9	13 31 8.211	+2.6805	+ 64	+37 36 7.59	−18.495	− 14
503	[Chamael. 49 G.]	6.4	13 32 8.879	+5.0563	− 49	−75 15 58.02	−18.460	− 14
504	ε Centauri	2.4	13 34 40.907	+3.7822	− 37	−53 3 0.13	−18.393	− 34
505	[Gr. 2029]	5.9	13 35 12.679	+1.4371	− 86	+71 39 33.60	−18.341	0
506	[i Centauri]	4.3	13 41 1.347	+3.4006	−371	−32 37 46.38	−18.286	−156
507	τ Bootis	4.5	13 43 21.926	+2.8509	−340	+17 51 53.77	−18.012	+ 29
509	η Ursae maj.	1.8	13 44 18.700	+2.3675	−119	+49 43 19.58	−18.025	− 20
508	[μ Centauri]	3.3	13 44 40.168	+3.6017	− 28	−42 3 56.13	−18.010	− 19
510	89 Virginis	5.2	13 45 24.778	+3.2554	− 69	−17 43 34.16	−18.000	− 38
511	[i Draconis]	4.8	13 49 2.240	+1.7524	0	+65 7 41.10	−17.821	− 2
512	ζ Centauri	2.6	13 50 24.921	+3.7270	− 70	−46 53 7.10	−17.824	− 60
513	η Bootis	2.8	13 50 46.822	+2.8570	− 42	+18 48 29.76	−18.113	−364
514	[Cent. 294 G.]	4.9	13 51 41.992	+4.3117	− 46	−63 17 6.91	−17.746	− 35
515	[47 Hydrae]	5.5	13 53 54.840	+3.3606	− 34	−24 34 21.21	−17.660	− 40
517	11 Bootis	6.3	13 57 27.439	+2.7217	− 57	+27 46 55.65	−17.462	+ 8
516	τ Virginis	4.2	13 57 28.324	+3.0517	+ 13	+ 1 56 26.74	−17.499	− 30
518	β Centauri	1	13 58 1.430	+4.2088	− 28	−59 58 41.36	−17.486	− 40
519	[π Hydrae]	3.4	14 1 41.830	+3.4099	+ 30	−26 17 16.71	−17.438	−153
520	ϑ Centauri	2.1	14 1 51.017	+3.5204	−439	−35 58 1.88	−17.808	−530

Nr.	Name	Gr.	AR. 1918.0 (h m s)	Jährl. Veränderung (s)	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0 (° ′ ″)	Jährl. Veränderung (″)	Jährl. Eigenbew. in 0″.001
521	α Draconis	3.4	14 2 10.098	+1.6233	− 83	+64 46 2.92	−17.248	+ 16
522	d Bootis	4.9	14 6 39.592	+2.7372	− 12	+25 28 46.44	−17.131	− 69
523	κ Virginis	4.2	14 8 31.139	+3.1971	+ 4	− 9 53 33.46	−16.841	+ 134
524	4 Ursae min.	5.0	14 9 8.713	−0.2776	− 113	+77 55 58.26	−16.914	+ 32
525	ι Virginis	4.0	14 11 42.723	+3.1427	− 14	− 5 36 35.45	−17.256	− 431
526	α Bootis	1	14 11 55.243	+2.7358	− 777	+19 36 31.62	−18.815	−2000
528	[ι Bootis]	4.6	14 13 15.766	+2.1259	− 159	+51 44 42.07	−16.665	+ 86
527	λ Bootis	4.0	14 13 16.054	+2.2824	− 177	+46 27 51.60	−16.599	+ 152
529	[υ Centauri]	4.4	14 14 35.084	+4.1661	− 47	−56 0 34.65	−16.727	− 39
530	[Circini 10 G.]	5.9	14 18 16.997	+4.9289	− 41	−67 49 24.26	−16.542	− 36
531	ϑ Bootis	3.9	14 22 24.347	+2.0430	− 257	+52 13 45.47	−16.703	− 404
532	[52 Hydrae]	5.1	14 23 21.934	+3.5058	− 28	−29 7 25.75	−16.280	− 30
533	[φ Virginis]	5.0	14 23 58.541	+3.0892	− 90	− 1 51 39.70	−16.226	− 7
534	ρ Bootis	3.7	14 28 17.782	+2.5862	− 75	+30 43 50.78	−15.880	+ 113
535	γ Bootis	2.9	14 28 46.603	+2.4169	− 93	+38 39 58.93	−15.823	+ 145
536	[Gr. 2125]	6.4	14 29 29.215	+1.6281	− 59	+60 35 11.75	−15.912	+ 19
537	η Centauri	2.5	14 30 17.589	+3.7976	− 36	−41 47 54.17	−15.924	− 36
538	α Centauri[1])	1	14 34 1.097	+4.0557	−4873	−60 29 51.86	−14.973	+ 714
540	[33 Bootis]	5.5	14 35 47.142	+2.2330	− 68	+44 45 28.59	−15.616	− 26
539	[α Circini]	3.3	14 35 51.674	+4.8120	− 320	−64 37 8.17	−15.824	− 238
541	[α Lupi]	2.4	14 36 28.077	+3.9760	− 20	−47 2 13.57	−15.589	− 36
543	ζ Bootis m.	3.6	14 37 13.942	+2.8641	+ 37	+14 4 45.65	−15.537	− 27
542	α Apodis	3.8	14 37 36.395	+7.3115	− 57	−78 41 53.55	−15.524	− 35
544	[c¹ Centauri]	4.1	14 38 38.157	+3.6598	− 61	−34 49 17.13	−15.630	− 198
545	μ Virginis	3.9	14 38 44.190	+3.1587	+ 69	− 5 18 8.84	−15.753	− 327
546	[b Lupi]	5.9	14 41 16.578	+4.1785	− 24	−52 2 14.41	−15.376	− 92
547	109 Virginis	3.7	14 42 6.107	+3.0313	− 75	+ 2 14 15.52	−15.276	− 39
548	α Librae	2.7	14 46 20.324	+3.3143	− 77	−15 42 6.48	−15.067	− 74
549	Gr. 2164	5.8	14 49 21.395	+1.5199	− 170	+59 37 36.32	−14.687	+ 129
550	β Ursae min.	2.0	14 50 55.761	−0.2030	− 78	+74 29 26.27	−14.717	+ 7
551	P. XIV, 221	6.0	14 52 20.961	+2.8309	− 10	+14 46 36.80	−14.658	− 18
552	β Lupi	2.7	14 53 9.180	+3.9162	− 51	−42 48 16.51	−14.652	− 60
553	[κ Centauri]	3.2	14 53 49.198	+3.8917	− 21	−41 46 33.65	−14.585	− 33
554	[2 H. Urs. min.]	4.8	14 56 16.430	+0.9447	− 147	+66 15 31.94	−14.369	+ 34
555	β Bootis	3.3	14 58 51.433	+2.2600	− 36	+40 42 47.93	−14.288	− 43
556	γ Scorpii	3.4	14 59 15.985	+3.5054	− 57	−24 57 38.15	−14.275	− 55
557	ψ Bootis	4.5	15 0 55.905	+2.5706	− 131	+27 15 59.99	−14.132	− 15
558	ζ Lupi	3.4	15 6 23.041	+4.2927	− 133	−51 47 17.09	−13.847	− 73
559	[ι Librae]	4.6	15 7 32.609	+3.4146	− 32	−19 28 56.20	−13.748	− 47
561	[β Circini]	4.2	15 11 4.928	+4.6742	− 130	−58 29 45.68	−13.622	− 149

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
562	[3 Serpentis]	5.5	15h 11m 6s.712	+2s.9806	— 12	+ 5° 14′ 34″.59	—13″.477	— 7
560	γ Triang. austr.	2.9	15 11 14.050	+5.5605	—101	—68 22 40.37	—13.499	— 37
563	δ Bootis	3.2	15 12 11.812	+2.4191	+ 73	+33 37 12.15	—13.522	— 122
564	β Librae	2.5	15 12 35.521	+3.2253	— 64	— 9 4 52.35	—13.402	— 27
565	1 H. Urs. min.	5.3	15 13 41.501	+0.6789	+386	+67 39 28.41	—13.698	— 396
566	φ¹ Lupi	3.5	15 16 35.827	+3.7979	— 82	—35 57 53.45	—13.206	— 95
569	γ Ursae min.	3.0	15 20 50.850	—0.1148	— 32	+72 7 32.78	—12.812	+ 16
568	μ Bootis	4.1	15 21 23.539	+2.2662	—123	+37 39 50.71	—12.711	+ 81
570	[τ¹ Serpentis]	5.5	15 21 59.153	+2.7815	— 11	+15 42 55.87	—12.775	— 24
567	[κ¹ Apodis]	5.9	15 22 32.814	+6.4752	+ 5	—73 6 23.92	—12.751	— 37
571	ι Draconis	3.2	15 23 6.209	+1.3319	— 5	+59 15 10.55	—12.661	+ 14
572	β Coron. bor.	3.7	15 24 26.882	+2.4737	—131	+29 23 15.49	—12.509	+ 76
573	ν¹ Bootis	4.8	15 27 59.014	+2.1547	+ 10	+41 6 43.01	—12.355	— 13
574	[ε Triang. austr.]	4.3	15 29 11.866	+5.4552	+ 29	—66 2 33.53	—12.339	— 82
576	[ϑ Coron. bor.]	4.1	15 29 37.353	+2.4186	— 17	+31 38 6.33	—12.255	— 26
575	γ Lupi	2.9	15 29 40.171	+3.9872	— 26	—40 53 31.71	—12.265	— 39
577	γ Librae	4.1	15 30 56.185	+3.3524	+ 43	—14 31 0.87	—12.135	+ 3
578	α Coron. bor.	2.2	15 31 12.936	+2.5398	+ 93	+26 59 23.61	—12.217	— 98
579	[3 H. Scorpii]	3.9	15 32 2.505	+3.6358	— 11	—27 51 52.09	—12.071	— 11
580	[φ Bootis]	5.3	15 34 52.897	+2.1545	+ 58	+40 37 11.06	—11.810	+ 52
581	[γ Coron. bor.]	3.8	15 39 17.939	+2.5194	— 74	+26 33 16.50	—11.514	+ 34
582	α Serpentis	2.5	15 40 13.660	+2.9535	+ 91	+ 6 40 57.94	—11.439	+ 42
583	β Serpentis	3.4	15 42 24.147	+2.7683	+ 51	+15 40 39.30	—11.379	— 54
584	κ Serpentis	4.0	15 45 2.886	+2.7000	— 31	+18 23 38.20	—11.231	— 98
585	μ Serpentis	3.3	15 45 20.332	+3.1285	— 59	— 3 10 48.72	—11.144	— 32
587	[12 H. Dracon.]	5.3	15 45 24.758	+0.9087	+ 55	+62 51 9.60	—11.168	— 61
586	[χ Lupi]	4.1	15 45 44.579	+3.8048	— 15	—33 22 41.87	—11.113	— 30
588	ε Serpentis	3.5	15 46 43.622	+2.9888	+ 84	+ 4 43 25.19	—10.951	+ 59
590	ζ Ursae min.	4.3	15 46 57.367	—2.2000	+ 60	+78 2 50.51	—10.995	— 1
589	β Triang. austr.	2.9	15 47 54.272	+5.2609	—279	—63 10 44.05	—11.332	— 407
591	[γ Serpentis]	3.7	15 52 39.867	+2.7699	+212	+15 55 42.00	—11.868	—1295
592	[π Scorpii]	4.1	15 53 53.227	+3.6238	— 15	—25 52 44.96	—10.519	— 37
593	ε Coron. bor.	4.0	15 54 11.508	+2.4828	— 61	+27 6 52.29	—10.528	— 68
594	δ Scorpii	2.3	15 55 28.892	+3.5431	— 8	—22 23 21.93	—10.399	— 36
595	[Gr. 2296]	5.1	15 55 50.551	+1.4199	—187	+54 58 51.60	—10.225	+ 111
598	ϑ Draconis	3.8	16 0 21.037	+1.1211	—402	+58 47 2.10	— 9.656	+ 340
597	β Scorpii	2.6	16 0 39.949	+3.4843	— 7	—19 34 55.38	— 9.999	— 27
596	[δ Normae]	4.8	16 0 41.360	+4.2295	— 5	—44 57 7.29	— 9.965	+ 6
599	[ϑ Lupi]	4.4	16 1 12.129	+3.9313	— 29	—36 34 48.50	— 9.972	— 41
601	[φ Herculis]	4.0	16 6 11.121	+1.8893	— 23	+45 8 57.27	— 9.519	+ 31

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
600	[κ Normae]	5.3	16h 7m 0s.066	+4s.7140	− 42	−54° 25′ 11″.59	−9″.553	− 65
602	[δ Triang. austr.]	4.0	16 7 57.737	+5.4374	+ 7	−63 28 39.30	−9.440	− 26
603	δ Ophiuchi	2.8	16 10 2.801	+3.1418	− 30	− 3 29 3.06	−9.402	−150
606	19 Ursae min.	5.8	16 13 8.571	−1.7458	− 4	+76 5 4.33	−8.999	+ 12
604	γ² Normae	4.2	16 13 41.791	+4.4758	−190	−49 57 20.04	−9.029	− 61
605	ε Ophiuchi	3.2	16 13 58.838	+3.1720	+ 53	− 4 29 37.12	−8.915	+ 31
607	[σ Scorpii]	3.1	16 16 12.052	+3.6421	− 11	−25 23 49.81	−8.805	− 33
608	τ Herculis	3.6	16 17 16.507	+1.8023	− 9	+46 30 28.89	−8.654	+ 32
609	γ Herculis	3.5	16 18 18.105	+2.6453	− 36	+19 20 41.46	−8.566	+ 40
610	[ζ Triang. austr.]	5.2	16 19 37.710	+6.4167	+366	−69 54 4.79	−8.417	+ 83
612	[η Ursae min.]	5.1	16 19 52.986	−1.7856	−216	+75 56 41.44	−8.225	+256
611	γ Apodis	3.9	16 20 49.789	+9.1141	−385	−78 42 55.40	−8.476	− 71
613	[ω Herculis]	4.7	16 21 37.834	+2.7676	+ 28	+14 13 15.88	−8.410	− 68
614	[Gr. 2343]	5.8	16 22 37.648	+1.3103	+ 20	+55 23 28.02	−8.245	+ 18
615	η Draconis	2.7	16 22 52.624	+0.8076	− 28	+61 41 58.44	−8.182	+ 61
616	α Scorpii	1.2	16 24 22.589	+3.6745	− 7	−26 15 4.14	−8.152	− 28
618	β Herculis	2.6	16 26 41.648	+2.5782	− 69	+21 40 2.70	−7.958	− 21
617	[λ Ophiuchi]	3.7	16 26 46.573	+3.0241	− 23	+ 2 9 44.33	−8.021	− 90
619	*A* Draconis	5.0	16 28 8.177	−0.1287	− 51	+68 56 44.11	−7.786	+ 35
620	[τ Scorpii]	2.9	16 30 46.463	+3.7303	− 11	−28 2 49.38	−7.642	− 33
621	σ Herculis	4.1	16 31 27.540	+1.9336	− 6	+42 36 19.75	−7.515	+ 38
622	ζ Ophiuchi	2.6	16 32 38.502	+3.3013	+ 9	−10 24 7.34	−7.435	+ 22
623	[Gr. 2373]	6.5	16 34 8.928	−2.6206	−317	+77 36 37.73	−7.060	+275
624	[24 Scorpii]	5.2	16 36 49.685	+3.4668	− 18	−17 35 4.19	−7.118	− 2
625	α Triang. austr.	1.9	16 39 58.078	+6.3266	+ 32	−68 52 44.39	−6.908	− 49
626	η Herculis	3.3	16 40 5.059	+2.0563	+ 34	+39 4 39.20	−6.933	− 84
627	Gr. 2377	4.9	16 43 44.397	+1.1359	+ 29	+56 55 40.59	−6.490	+ 58
628	ε Scorpii	2.3	16 44 50.898	+3.8806	−501	−34 8 43.70	−6.710	−254
629	49 Herculis	6.5	16 48 20.810	+2.7305	+ 12	+15 6 39.09	−6.172	− 6
630	ζ² Scorpii	3.8	16 48 48.479	+4.2140	−134	−42 13 19.50	−6.365	−238
631	ζ Arae	3.0	16 51 49.697	+4.9541	− 30	−55 51 43.43	−5.923	− 48
632	[ε¹ Arae]	4.0	16 53 2.498	+4.7712	− 19	−53 2 9.20	−5.782	− 8
633	κ Ophiuchi	3.2	16 53 47.158	+2.8384	−198	+ 9 30 5.58	−5.724	− 13
634	ε Herculis	3.6	16 57 9.104	+2.2948	− 35	+31 2 46.91	−5.405	+ 24
635	[60 Herculis]	4.9	17 1 34.490	+2.7810	+ 34	+12 51 8.91	−5.070	− 15
636	[Gr. 2415]	6.4	17 5 6.206	+1.9562	− 29	+40 37 21.32	−4.784	− 28
637	η Ophiuchi	2.4	17 5 40.414	+3.4383	+ 23	−15 37 28.13	−4.617	+ 90
638	[η Scorpii]	3.4	17 6 16.610	+4.2921	+ 17	−43 7 56.51	−4.954	−298
639	ζ Draconis	3.0	17 8 32.776	+0.1688	− 29	+65 48 55.98	−4.441	+ 22
640	α Herculis	(3.0)	17 10 54.460	+2.7346	− 8	+14 28 58.22	−4.232	+ 29

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
641	δ Herculis	3.0	17 11 39.775	+2.4637	− 15	+24 56 6.25	−4.355	−159
643	π Herculis	3.1	17 12 11.430	+2.0890	− 21	+36 54 3.04	−4.150	+ 1
642	[ι Apodis]	5.7	17 12 56.508	+6.6734	− 14	−70 2 19.96	−4.114	− 27
644	ϑ Ophiuchi	3.2	17 16 58.294	+3.6820	− 7	−24 55 7.75	−3.766	− 25
645	β Arae	2.7	17 18 28.768	+4.9806	− 14	−55 27 13.98	−3.654	− 42
646	[d Ophiuchi]	4.5	17 22 6.954	+3.8280	+ 6	−29 47 38.30	−3.443	−145
647	[27 H. Ophiuchi]	4.5	17 22 16.781	+3.1825	− 58	− 5 0 54.65	−3.335	− 51
648	δ Arae	3.6	17 23 41.563	+5.4092	− 70	−60 37 0.89	−3.263	−101
650	[x Herculis]	6.0	17 24 33.797	+1.5894	+ 2	+48 19 41.39	−3.106	− 19
649	[υ Scorpii]	2.8	17 25 11.092	+4.0741	− 24	−37 13 53.91	−3.073	− 39
651	α Arae	2.8	17 25 29.991	+4.6331	− 39	−49 48 45.41	−3.100	− 94
652	λ Scorpii	1.7	17 28 2.265	+4.0702	− 14	−37 2 42.69	−2.819	− 32
653	β Draconis	2.7	17 28 34.753	+1.3546	− 15	+52 21 41.68	−2.730	+ 10
655	[ν¹ Draconis]	4.7	17 30 33.648	+1.1806	+176	+55 14 23.35	−2.517	+ 51
657	[ν² Draconis]	4.8	17 30 39.060	+1.1818	+182	+55 13 42.07	−2.508	+ 52
656	α Ophiuchi	2.1	17 31 7.635	+2.7838	+ 79	+12 37 7.43	−2.752	−233
654	ϑ Scorpii	1.9	17 31 25.431	+4.3069	0	−42 56 49.25	−2.511	− 18
659	[f Draconis]	5.2	17 32 17.360	−0.2451	− 32	+68 11 14.42	−2.284	+134
658	ξ Serpentis	3.5	17 32 53.398	+3.4335	− 34	−15 20 52.99	−2.430	− 64
660	[ϰ Scorpii]	2.5	17 36 48.772	+4.1474	− 15	−38 59 20.05	−2.051	− 26
663	ι Herculis	3.6	17 37 8.968	+1.6928	− 5	+46 2 57.34	−1.999	− 4
664	ω Draconis	4.9	17 37 25.747	−0.3540	+ 12	+68 47 45.52	−1.648	+323
662	[μ Arae]	5.6	17 37 37.877	+4.7593	− 29	−51 47 30.46	−2.161	−208
661	η Pavonis	3.5	17 37 40.838	+5.8824	− 22	−64 41 10.16	−2.005	− 56
665	β Ophiuchi	2.8	17 39 25.262	+2.9628	− 27	+ 4 36 1.78	−1.645	+153
666	[ι¹ Scorpii]	3.0	17 41 50.836	+4.1933	− 10	−40 5 46.99	−1.589	− 3
667	μ Herculis	3.3	17 43 14.892	+2.3468	−241	+27 46 4.14	−2.214	−751
670	ψ Drac. austr.	4.7	17 43 23.593	−1.0732	+ 29	+72 11 21.97	−1.718	−267
668	[γ Ophiuchi]	3.7	17 43 46.826	+3.0074	− 16	+ 2 44 13.55	−1.495	− 77
669	[G Scorpii]	3.1	17 44 16.517	+4.0822	+ 42	−37 1 6.17	−1.348	+ 26
671	ξ Draconis	3.6	17 52 6.638	+1.0371	+120	+56 53 6.47	−0.613	+ 76
675	35 Draconis	5.1	17 53 7.059	−2.6898	+116	+76 58 28.28	−0.361	+241
672	ϑ Herculis	3.8	17 53 26.425	+2.0569	+ 4	+37 15 38.35	−0.569	+ 5
673	ν Ophiuchi	3.4	17 54 30.694	+3.3019	− 7	− 9 45 52.46	−0.598	−118
674	[ξ Herculis]	3.7	17 54 34.682	+2.3310	+ 66	+29 15 20.94	−0.500	− 26
676	γ Draconis	2.3	17 54 42.094	+1.3924	− 9	+51 29 52.83	−0.486	− 22
677	67 Ophiuchi	4.0	17 56 32.266	+3.0042	0	+ 2 56 4.19	−0.316	− 13
678	[Apodis 66 G.]	6.0	17 59 47.168	+8.3865	− 47	−75 53 44.01	−0.288	−270
679	γ Sagittarii	3.0	18 0 32.366	+3.8528	− 47	−30 25 34.70	−0.147	−194
680	72 Ophiuchi	3.6	18 3 27.700	+2.8437	− 42	+ 9 33 4.37	+0.381	+ 78

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
681	o Herculis	3.8	18h 4m 20s.609	+2s.3399	+ 2	+28° 45′ 1″.17	+0″.380	0
682	μ Sagittarii	3.9	18 8 51.541	+3.5872	− 3	−21 4 53.28	+0.771	− 3
683	[η Sagittarii]	3.1	18 12 4.669	+4.0588	− 118	−36 47 14.90	+0.893	−163
684	[Gr. 2533]	5.6	18 13 5.708	+1.8653	− 6	+42 7 50.32	+1.138	− 7
685	[36 Draconis]	5.0	18 13 25.479	+0.3454	+ 533	+64 22 9.59	+1.203	+ 29
686	[ξ Pavonis]	4.2	18 15 40.164	+5.5289	− 26	−61 31 56.92	+1.387	+ 17
687	[δ Sagittarii]	2.7	18 15 44.660	+3.8409	+ 27	−29 51 50.80	+1.344	− 32
688	η Serpentis	3.2	18 17 3.985	+3.1034	− 372	− 2 55 16.16	+0.793	−698
689	ε Sagittarii	1.9	18 18 43.748	+3.9825	− 30	−34 25 28.28	+1.509	−127
690	109 Herculis	3.9	18 20 12.201	+2.5561	+ 140	+21 43 53.24	+1.508	−257
691	α Telescopii	3.7	18 20 53.605	+4.4494	− 21	−46 0 53.26	+1.778	− 47
693	[φ Draconis]	4.3	18 21 56.090	−0.8578	− 17	+71 17 39.86	+1.949	+ 33
695	χ Draconis	3.6	18 22 32.190	−1.0799	+1166	+72 41 51.30	+1.604	−365
694	b Draconis	5.1	18 22 42.798	+0.8765	− 45	+58 45 10.22	+2.042	+ 58
692	[λ Sagittarii]	2.8	18 22 54.592	+3.7023	− 37	−25 28 5.37	+1.813	−188
696	[2 H. Scuti]	4.8	18 24 31.421	+3.4190	− 3	−14 37 8.73	+2.143	+ 2
697	[ϑ Coron. austr.]	4.7	18 27 38.830	+4.2844	+ 14	−42 22 22.13	+2.389	− 24
698	ζ Pavonis	4.0	18 33 27.613	+7.0217	− 25	−71 30 1.83	+2.739	−178
700	[Gr. 2655]	6.1	18 33 43.086	−2.8832	− 10	+77 29 2.24	+2.936	− 3
699	α Lyrae	1	18 34 9.714	+2.0313	+ 176	+38 42 23.76	+3.258	+281
701	[Gr. 2640]	6.2	18 35 57.868	+0.1895	+ 19	+65 24 54.74	+3.217	+ 84
702	[5 H. Scuti]	5.1	18 39 3.313	+3.2674	+ 13	− 8 21 26.02	+3.409	+ 9
703	110 Herculis	4.1	18 42 7.940	+2.5811	− 12	+20 28 0.94	+3.324	−340
704	λ Pavonis	4.3	18 44 37.350	+5.5656	− 26	−62 16 59.25	+3.851	− 27
705	β Lyrae	(3.3)	18 47 3.138	+2.2147	+ 3	+33 16 0.32	+4.085	− 2
707	o Draconis	4.6	18 49 59.547	+0.8869	+ 105	+59 17 16.00	+4.362	+ 24
706	σ Sagittarii	2.1	18 50 10.875	+3.7206	+ 4	−26 23 59.16	+4.291	− 63
708	λ Telescopii	5.1	18 51 54.308	+4.8041	+ 3	−53 2 49.52	+4.516	+ 14
709	ϑ Serpent. pr.	4.5	18 52 8.584	+2.9823	+ 29	+ 4 5 45.09	+4.549	+ 28
710	[ξ Sagittarii]	3.6	18 52 50.314	+3.5795	+ 18	−21 12 56.01	+4.564	− 16
711	*R* Lyrae	(4.5)	18 52 50.412	+1.8262	+ 28	+43 50 14.57	+4.657	+ 76
714	[υ Draconis]	5.0	18 55 24.433	−0.7257	+ 103	+71 11 16.08	+4.839	+ 40
713	γ Lyrae	3.2	18 55 52.546	+2.2437	− 4	+32 34 34.66	+4.837	− 2
712	[ε Aquilae]	4.0	18 55 54.019	+2.7220	− 42	+14 57 21.53	+4.761	− 80
715	[ζ Sagittarii]	2.7	18 57 23.713	+3.8181	− 21	−29 59 54.29	+4.970	+ 2
716	ζ Aquilae	3.0	19 1 38.457	+2.7569	− 7	+13 44 26.18	+5.226	−101
717	λ Aquilae	3.2	19 1 53.851	+3.1839	− 16	− 5 0 23.41	+5.262	− 87
718	α Coron. austr.	4.1	19 3 53.678	+4.0836	+ 59	−38 2 0.37	+5.407	−109
719	[ι Lyrae]	5.2	19 4 22.527	+2.1406	− 3	+35 58 15.10	+5.553	− 3
720	π Sagittarii	2.9	19 4 53.279	+3.5687	− 5	−21 9 18.25	+5.565	− 35

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
721	[Pavonis 60 G.]	5.7	19h 8m 57s.841	+6s.0504	— 7	—66° 48′ 15″.08	+ 5″.921	— 21
723	δ Draconis	3.0	19 12 32.400	+0.0208	+ 167	+67 31 2.11	+ 6.327	+ 88
722	[*d* Sagittarii]	5.2	19 12 50.292	+3.5110	— 12	—19 5 59.43	+ 6.255	— 9
724	ϑ Lyrae	4.3	19 13 31.284	+2.0816	— 7	+37 59 13.00	+ 6.320	— 1
725	ω Aquilae	5.4	19 13 58.047	+2.8158	— 3	+11 26 47.80	+ 6.371	+ 13
726	ϰ Cygni	3.8	19 15 12.505	+1.3875	+ 69	+53 12 59.90	+ 6.580	+ 119
727	[υ Sagittarii]	4.5	19 17 1.927	+3.4371	0	—16 6 35.64	+ 6.609	— 2
729	τ Draconis	4.5	19 17 8.292	—1.1386	— 324	+73 12 13.11	+ 6.730	+ 110
728	α Sagittarii	4.0	19 18 12.414	+4.1604	+ 18	—40 46 16.78	+ 6.590	— 118
730	δ Aquilae	3.3	19 21 21.845	+3.0248	+ 168	+ 2 57 1.13	+ 7.049	+ 81
731	[Sagittar. 186 G.]	5.8	19 21 45.643	+3.7937	+ 7	—29 54 23.21	+ 6.954	— 47
734	[Gr. 2900]	6.4	19 26 40.912	—3.5792	+ 95	+79 26 22.31	+ 7.368	— 35
732	β Cygni	3.0	19 27 24.843	+2.4189	— 2	+27 47 11.89	+ 7.454	— 8
733	ι Cygni	3.9	19 27 38.342	+1.5132	+ 22	+51 33 16.19	+ 7.605	+ 125
735	[ι Telescopii]	5.1	19 29 8.120	+4.4553	— 41	—48 16 37.58	+ 7.561	— 40
736	*h* Sagittarii	4.6	19 31 43.125	+3.6529	+ 46	—25 3 56.32	+ 7.788	— 22
737	[ϰ Aquilae]	5.0	19 32 28.858	+3.2285	+ 3	— 7 12 38.60	+ 7.871	0
738	ϑ Cygni	4.5	19 34 14.543	+1.6084	— 29	+50 1 50.03	+ 8.260	+ 247
740	[15 Cygni]	5.2	19 41 19.139	+2.1632	+ 59	+37 9 20.11	+ 8.611	+ 35
739	[ν Telescopii]	5.5	19 41 19.755	+4.9104	+ 86	—56 33 39.11	+ 8.440	— 137
741	γ Aquilae	2.7	19 42 21.674	+2.8521	+ 9	+10 24 45.26	+ 8.658	0
742	δ Cygni	2.8	19 42 24.741	+1.8756	+ 51	+44 55 47.79	+ 8.702	+ 39
743	δ Sagittae	3.8	19 43 43.879	+2.6749	+ 4	+18 19 52.11	+ 8.779	+ 13
744	[51 Aquilae]	5.8	19 46 16.168	+3.3023	— 21	—10 58 20.75	+ 9.007	+ 41
745	α Aquilae	1	19 46 46.944	+2.9270	+ 360	+ 8 39 3.15	+ 9.388	+ 383
746	[η Aquilae]	(4.0)	19 48 17.781	+3.0568	+ 6	+ 0 47 39.28	+ 9.115	— 9
747	ε Draconis	3.8	19 48 27.473	—0.1903	+ 156	+70 3 32.62	+ 9.166	+ 29
748	ε Pavonis	3.8	19 51 7.802	+6.9858	+ 147	—73 7 42.94	+ 9.211	— 132
749	β Aquilae	3.7	19 51 17.121	+2.9467	+ 25	+ 6 12 3.85	+ 8.876	— 480
750	ψ Cygni	5.0	19 53 30.613	+1.5515	— 43	+52 13 14.63	+ 9.496	— 31
751	ϑ¹ Sagittarii	4.3	19 54 24.078	+3.9084	— 12	—35 29 56.75	+ 9.560	— 36
752	γ Sagittae	3.6	19 55 6.605	+2.6675	+ 43	+19 16 6.99	+ 9.674	+ 24
753	[*c* Sagittarii]	4.6	19 57 37.093	+3.6922	+ 21	—27 56 19.70	+ 9.859	+ 18
754	δ Pavonis	3.5	20 0 41.670	+5.9121	+1960	—66 23 33.49	+ 8.912	—1164
755	[ξ Telescopii]	5.2	20 1 6.471	+4.6063	— 44	—53 7 0.24	+10.105	— 2
756	ϑ Aquilae	3.1	20 7 4.472	+3.0960	+ 22	— 1 3 56.12	+10.559	+ 5
757	o¹ Cygni sq.	4.3	20 11 2.969	+1.8892	+ 4	+46 29 31.23	+10.849	+ 1
758	[33 Cygni]	4.3	20 11 29.552	+1.3961	+ 74	+56 18 59.27	+10.965	+ 85
759	ϰ Cephei	4.3	20 11 40.488	—1.9715	+ 12	+77 27 54.18	+10.921	+ 27
760	24 Vulpeculae	5.7	20 13 16.550	+2.5669	+ 12	+24 25 3.79	+10.992	— 19

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
			h m s	s		° ' "	'	
761	α² Capricorni	3.6	20 13 30.384	+3.3302	+ 40	−12 47 59.45	+11.039	+ 11
762	[β Capricorni]	3.1	20 16 24.335	+3.3723	+ 23	−15 2 28.39	+11.244	+ 6
763	[x¹ Sagittarii]	5.8	20 16 53.747	+4.0822	+ 37	−42 18 32.59	+11.178	− 96
764	α Pavonis	1.9	20 19 10.166	+4.7636	+ 11	−56 59 55.91	+11.353	− 85
765	γ Cygni	2.3	20 19 17.093	+2.1527	+ 4	+39 59 36.87	+11.446	0
766	[ρ Capricorni]	5.0	20 24 11.114	+3.4242	− 14	−18 5 8.14	+11.780	− 16
767	ϑ Cephei	4.1	20 28 12.498	+1.0110	+ 62	+62 43 5.39	+12.064	− 14
768	ε Delphini	3.9	20 29 17.730	+2.8662	+ 5	+11 1 25.45	+12.129	− 25
769	α Jndi	3.0	20 31 48.265	+4.2292	+ 33	−47 34 42.34	+12.388	+ 60
770	73 Draconis	5.3	20 32 36.342	−0.7602	+ 15	+74 40 25.70	+12.371	− 12
771	β Delphini	3.5	20 33 42.226	+2.8130	+ 74	+14 18 32.72	+12.422	− 36
772	[ϰ Delphini]	5.1	20 35 8.806	+2.9140	+ 212	+ 9 47 47.70	+12.575	+ 18
773	υ Capricorni	5.5	20 35 23.035	+3.4177	− 17	−18 25 41.64	+12.557	− 16
774	α Delphini	3.7	20 35 49.761	+2.7866	+ 45	+15 37 19.08	+12.597	− 6
775	β Pavonis	3.3	20 37 35.156	+5.4405	− 71	−66 29 56.71	+12.724	+ 2
776	[η Jndi]	4.8	20 38 1.457	+4.4183	+ 157	−52 12 53.91	+12.679	− 73
777	α Cygni	1.3	20 38 38.161	+2.0448	+ 4	+44 59 12.14	+12.793	− 1
778	[δ Delphini]	4.2	20 39 37.841	+2.8008	− 14	+14 46 46.56	+12.813	− 48
779	[ψ Capricorni]	4.2	20 41 14.593	+3.5558	− 44	−25 33 59.37	+12.811	− 157
780	ε Cygni	2.4	20 42 53.572	+2.4272	+ 290	+33 39 44.82	+13.405	+ 327
781	ε Aquarii	3.6	20 43 14.301	+3.2491	+ 17	− 9 47 48.16	+13.073	− 28
782	[6 H. Cephei]	4.5	20 43 19.037	+1.4898	− 87	+57 17 6.10	+12.871	− 234
783	η Cephei	3.5	20 43 37.452	+1.2242	+ 133	+61 31 11.71	+13.945	+ 818
784	λ Cygni	4.6	20 44 12.827	+2.3360	+ 5	+36 11 19.67	+13.165	0
785	β Jndi	3.6	20 48 24.617	+4.7075	0	−58 45 52.13	+13.413	− 27
786	32 Vulpeculae	5.3	20 51 3.881	+2.5563	− 4	+27 44 42.33	+13.612	+ 1
788	ν Cygni	3.9	20 54 6.922	+2.2357	+ 9	+40 51 2.88	+13.788	− 17
787	[α Octantis]	5.5	20 54 49.725	+7.3707	− 17	−77 20 16.17	+13.496	− 355
789	[11 Aquarii]	6.4	20 56 14.814	+3.1598	+ 23	− 5 2 52.01	+13.808	− 133
790	ζ Microscopii	5.4	20 57 43.807	+3.8405	− 36	−38 57 9.26	+13.912	− 122
792	[ξ Cygni]	3.9	21 1 56.862	+2.1816	+ 12	+43 36 0.28	+14.291	− 3
791	[A Capricorni]	4.6	21 2 20.039	+3.5125	− 30	−25 20 4.08	+14.271	− 47
793	61 Cygni pr.	5.4	21 3 13.203	+2.6862	+3505	+38 20 43.89	+17.625	+3253
794	ν Aquarii	4.4	21 5 7.758	+3.2702	+ 62	−11 42 15.94	+14.479	− 9
795	Br. 2777	6.0	21 7 9.872	−1.1496	+ 74	+77 47 38.87	+14.646	+ 36
797	ζ Cygni	3.1	21 9 26.727	+2.5522	− 1	+29 53 23.76	+14.688	− 58
798	[Gr. 3415]	5.8	21 9 43.020	+1.5281	− 6	+59 38 56.23	+14.760	− 2
796	[Jndi 23 G.]	5.9	21 9 54.778	+4.2960	− 19	−53 36 12.86	+14.728	− 46
799	[τ Cygni]	3.8	21 11 31.012	+2.3937	+ 137	+37 41 41.33	+15.304	+ 435
800	α Equulei	3.9	21 11 43.520	+2.9995	+ 38	+ 4 54 29.17	+14.793	− 87

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
801	[4 Pisc. austr.]	4.8	21h 12m 58s.157	+3s.6435	+ 35	−32° 30′ 57″.44	+14″.927	− 26
802	[ϑ¹ Microscop.]	4.9	21 15 31.293	+3.8479	+ 70	−41 9 24.36	+15.115	+ 14
803	α Cephei	2.5	21 16 37.400	+1.4336	+ 212	+62 14 16.05	+15.213	+ 49
804	ι Pegasi	4.2	21 18 17.625	+2.7739	+ 74	+19 27 10.73	+15.320	+ 61
805	γ Pavonis	4.2	21 19 40.794	+4.9948	+ 131	−65 44 17.68	+16.125	+ 788
806	ζ Capricorni	3.8	21 21 59.302	+3.4293	− 1	−22 46 2.13	+15.490	+ 23
807	[g Cygni]	5.4	21 26 25.340	+2.2127	+ 49	+46 10 42.48	+15.814	+ 103
808	β Aquarii	2.9	21 27 14.598	+3.1596	+ 11	− 5 55 57.22	+15.751	− 5
809	β Cephei	3.1	21 27 36.485	+0.7844	+ 20	+70 12 2.03	+15.782	+ 7
810	ν Octantis	3.7	21 32 24.431	+6.7828	+ 132	−77 45 19.15	+15.774	− 256
811	74 Cygni	5.1	21 33 39.647	+2.4029	− 3	+40 2 40.61	+16.108	+ 12
812	[γ Capricorni]	3.6	21 35 33.009	+3.3270	+ 131	−17 1 59.86	+16.178	− 16
813	[13 H. Cephei]	6.1	21 36 24.964	+1.8614	+ 7	+57 7 4.21	+16.241	+ 2
814	[ι Pisc.austr.]	4.4	21 40 3.961	+3.5797	+ 18	−33 24 1.92	+16.334	− 89
815	ε Pegasi	2.3	21 40 9.509	+2.9464	+ 18	+ 9 29 54.30	+16.428	0
817	[11 Cephei]	4.8	21 40 43.532	+0.8884	+ 234	+70 56 1.17	+16.554	+ 98
816	[κ Pegasi]	4.1	21 40 55.850	+2.7154	+ 25	+25 16 3.18	+16.476	+ 10
818	[λ Capricorni]	5.5	21 42 7.381	+3.2319	+ 20	−11 44 40.87	+16.522	− 4
819	δ Capricorni	2.8	21 42 31.016	+3.3140	+ 178	−16 30 0.05	+16.252	− 294
821	π² Cygni	4.3	21 43 45.742	+2.2147	+ 8	+48 55 46.62	+16.603	− 4
820	[o Jndi]	5.6	21 43 52.227	+5.1201	− 87	−70 0 42.90	+16.591	− 21
822	γ Gruis	3.0	21 48 58.062	+3.6402	+ 77	−37 45 4.20	+16.839	− 18
823	16 Pegasi	5.2	21 49 19.800	+2.7285	+ 4	+25 32 19.68	+16.876	+ 1
824	[δ Jndi]	4.6	21 52 20.751	+4.1004	+ 43	−55 22 59.87	+16.986	− 29
826	[20 Pegasi]	5.8	21 57 5.628	+2.9220	+ 36	+12 43 35.57	+17.177	− 54
825	[ε Jndi]	4.9	21 57 5.883	+4.6101	+4811	−57 7 25.33	+14.650	−2582
827	α Aquarii	2.9	22 1 34.372	+3.0819	+ 10	− 0 43 7.50	+17.421	− 7
828	ι Aquarii	4.2	22 2 0.626	+3.2424	+ 24	−14 16 4.83	+17.396	− 51
830	20 Cephei	5.7	22 2 30.907	+1.8219	+ 22	+62 23 6.91	+17.529	+ 60
829	α Gruis	1.8	22 3 4.296	+3.7932	+ 119	−47 21 31.91	+17.321	− 171
831	[ι Pegasi]	3.9	22 3 11.541	+2.7913	+ 219	+24 56 38.65	+17.520	+ 22
832	[μ Pisc.austr.]	4.6	22 3 36.120	+3.5051	+ 41	−33 23 21.25	+17.474	− 41
833	[27 Pegasi]	5.8	22 5 35.547	+2.6566	− 42	+32 46 16.61	+17.534	− 65
834	ϑ Pegasi	3.6	22 6 3.815	+3.0264	+ 184	+ 5 47 38.09	+17.650	+ 31
835	π Pegasi	4.3	22 6 20.630	+2.6624	− 9	+32 46 31.37	+17.612	− 19
836	ζ Cephei	3.4	22 8 0.417	+2.0780	+ 14	+57 47 47.97	+17.705	+ 6
837	24 Cephei	4.8	22 8 14.057	+1.1581	+ 54	+71 56 13.50	+17.716	+ 8
838	[λ Pisc.austr.]	5.4	22 9 40.103	+3.4057	+ 16	−28 10 26.01	+17.766	− 1
839	[ε Octantis]	5.3	22 10 54.206	+6.8878	+ 137	−80 50 55.56	+17.777	− 40
840	ϑ Aquarii	4.2	22 12 30.480	+3.1673	+ 76	− 8 11 31.49	+17.862	− 19

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
841	α Tucanae	2.8	22h 12m 53s.755	+4s.1343	— 98	—60° 40′ 8″.19	+17″.847	— 49
842	γ Aquarii	3.7	22 17 25.289	+3.0992	+ 83	— 1 48 3.80	+18.078	+ 7
843	[31 Pegasi]	4.9	22 17 28.859	+2.9519	— 1	+11 47 29.68	+18.082	+ 9
844	3 Lacertae	4.5	22 20 19.949	+2.3553	— 15	+51 49 4.04	+17.989	—191
845	[ν Gruis]	5.6	22 23 51.089	+3.5246	+ 24	—39 32 49.73	+18.146	—162
846	[δ¹ Gruis]	4.0	22 24 22.422	+3.5958	+ 17	—43 54 54.02	+18.317	— 8
847	[δ Cephei]	(4.1)	22 26 7.390	+2.2228	+ 17	+57 59 42.45	+18.389	+ 2
848	7 Lacertae	3.8	22 27 54.613	+2.4676	+ 147	+49 51 37.91	+18.465	+ 16
849	[υ Aquarii]	5.5	22 30 12.664	+3.2854	+ 155	—21 7 43.29	+18.383	—144
850	η Aquarii	3.9	22 31 8.594	+3.0833	+ 59	— 0 32 26.14	+18.502	— 55
851	[31 Cephei]	5.2	22 33 44.585	+1.4823	+ 382	+73 13 2.21	+18.665	+ 23
852	10 Lacertae	4.9	22 35 34.757	+2.6886	+ 4	+38 37 23.18	+18.695	— 6
853	[30 Cephei]	5.3	22 35 44.338	+2.1236	+ 1	+63 9 28.52	+18.684	— 22
854	[ε Pisc.austr.]	4.0	22 36 7.375	+3.3225	+ 12	—27 28 17.92	+18.720	+ 2
855	ζ Pegasi	3.3	22 37 22.307	+2.9915	+ 53	+10 24 10.40	+18.744	— 13
856	β Gruis	2.0	22 37 46.556	+3.5931	+ 117	—47 18 50.34	+18.744	— 25
857	η Pegasi	2.9	22 39 9.370	+2.8096	+ 12	+29 47 30.97	+18.778	— 33
858	[13 Lacertae]	5.4	22 40 25.873	+2.6713	— 6	+41 23 18.81	+18.855	+ 5
859	λ Pegasi	3.9	22 42 34.779	+2.8875	+ 41	+23 8 1.52	+18.903	— 10
860	ε Gruis	3.5	22 43 36.462	+3.6369	+ 96	—51 44 54.54	+18.869	— 73
861	[τ Aquarii]	4.0	22 45 15.115	+3.1784	— 12	—14 1 32.67	+18.956	— 33
862	[μ Pegasi]	3.6	22 46 2.623	+2.8934	+ 109	+24 10 5.73	+18.970	— 41
863	ι Cephei	3.5	22 46 45.405	+2.1284	— 114	+65 46 7.96	+18.908	—123
864	λ Aquarii	3.8	22 48 20.253	+3.1310	+ 5	— 8 0 58.63	+19.112	+ 38
865	ρ Jndi	6.3	22 48 58.344	+4.2142	— 101	—70 30 43.68	+19.153	+ 62
866	δ Aquarii	3.2	22 50 18.001	+3.1860	— 33	—16 15 25.96	+19.106	— 19
867	α Pisc. austr.	1.2	22 53 7.334	+3.3199	+ 247	—30 3 25.56	+19.039	—159
868	[ζ Gruis]	4.0	22 56 2.746	+3.5565	— 80	—53 11 39.13	+19.255	— 16
869	ο Androm.	3.5	22 58 8.692	+2.7556	+ 25	+41 53 5.73	+19.307	— 13
870	β Pegasi	2.4	22 59 47.805	+2.9055	+ 145	+27 38 15.72	+19.495	+138
871	α Pegasi	2.4	23 0 40.491	+2.9866	+ 41	+14 45 49.53	+19.337	— 41
872	ϑ Gruis	4.2	23 2 15.851	+3.3888	— 52	—43 57 49.23	+19.375	— 38
873	c² Aquarii	3.7	23 5 4.584	+3.2016	+ 32	—21 37 3.92	+19.509	+ 36
874	π Cephei	4.5	23 5 17.123	+1.9007	+ 29	+74 56 38.62	+19.451	— 25
875	Br. 3077	5.8	23 9 19.697	+2.8790	+2528	+56 42 55.36	+19.853	+295
876	[Tucanae 25 G.]	5.9	23 12 2.413	+3.6280	+ 231	—62 26 54.97	+19.555	— 53
877	γ Tucanae	3.9	23 12 39.064	+3.5174	— 59	—58 41 7.80	+19.701	+ 82
878	[γ Piscium]	3.7	23 12 54.841	+3.1095	+ 503	+ 2 50 2.28	+19.642	+ 18
879	γ Sculptoris	4.4	23 14 23.957	+3.2451	+ 10	—32 58 44.29	+19.582	— 68
880	τ Pegasi	4.5	23 16 34.566	+2.9664	+ 21	+23 17 28.42	+19.673	— 13

Nr.	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
			h m s	s		° ′ ″	″	
882	4 Cassiopeiae	5.5	23 21 11.304	+2.6537	+ 17	+61 49 56.75	+19.748	— 10
881	[υ Pegasi]	4.4	23 21 17.066	+2.9913	+138	+22 57 8.83	+19.795	+ 35
883	[ο Gruis]	5.7	23 22 1.486	+3.3666	— 4	—53 10 32.68	+19.890	+119
884	κ Piscium	5.1	23 22 43.726	+3.0753	+ 56	+ 0 48 23.43	+19.688	— 93
885	70 Pegasi	4.7	23 25 0.370	+3.0321	+ 38	+12 18 28.59	+19.840	+ 28
886	[β Sculptoris]	4.4	23 28 34.646	+3.2233	+ 65	—38 16 19.13	+19.871	+ 14
887	[72 Pegasi]	5.2	23 29 52.910	+2.9720	+ 40	+30 52 21.38	+19.860	— 12
888	[Aquarii 248 G.]	6.7	23 31 18.306	+3.0954	— 5	— 7 55 6.17	+19.912	+ 23
889	[Phoenicis 11 G.]	4.6	23 33 26.361	+3.2371	+ 47	—45 56 47.32	+19.874	— 37
890	[λ Androm.]	3.8	23 33 32.725	+2.9288	+156	+46 0 49.37	+19.489	—423
891	ι Androm.	4.1	23 34 6.595	+2.9357	+ 27	+42 48 50.12	+19.913	— 5
892	ι Piscium	4.1	23 35 43.905	+3.0846	+247	+ 5 10 53.94	+19.493	—440
893	γ Cephei	3.3	23 35 58.225	+2.4401	—183	+77 10 28.78	+20.092	+157
894	ω² Aquarii	4.5	23 38 28.270	+3.1127	+ 65	—14 59 54.26	+19.894	— 63
895	41 H. Cephei	5.2	23 43 58.785	+2.8513	+ 23	+67 21 4.14	+19.998	+ 1
896	Lac. δ Sculpt.	4.4	23 44 39.408	+3.1285	+ 71	—28 35 1.88	+19.896	—105
897	[Aquarii 268 G.]	6.3	23 46 0.861	+3.0962	+ 86	—10 25 54.84	+20.094	+ 86
898	φ Pegasi	5.4	23 48 18.836	+3.0488	— 8	+18 39 53.23	+19.980	— 39
899	[ρ Cassiopeiae]	4.8	23 50 16.734	+2.9845	— 7	+57 2 35.37	+20.031	+ 4
900	[27 Piscium]	5.1	23 54 28.495	+3.0712	— 37	— 4 0 39.40	+19.971	— 68
901	[π Phoenicis]	5.2	23 54 41.032	+3.1170	+ 30	—53 12 14.70	+20.086	+ 46
902	ω Piscium	3.9	23 55 5.962	+3.0794	+100	+ 6 24 33.53	+19.932	—109
903	ε Tucanae	4.5	23 55 39.812	+3.1360	+ 64	—66 2 0.19	+20.009	— 33
904	[ϑ Octantis]	5.0	23 57 23.830	+3.1192	—220	—77 31 6.34	+19.873	—171
905	[2 Ceti]	4.5	23 59 32.404	+3.0747	+ 12	—17 47 32.84	+20.042	— 4

¹) Nr. 257. Ort des Schwerpunktes. Die Reduktion auf den Hauptstern ist nach Auwers A. N. 3085 (vergl. Neuer Fundamental-Katalog, Seite 98):

1918.0: $\Delta\alpha = -0^s.232$ $\Delta\delta = -1''.20$
1919.0: $= -0.232$ $= -1.32$

²) Nr. 287. Rektaszension der Mitte, Deklination des folgenden helleren Sterns.

³) Nr. 291. Ort des Schwerpunkts. Die Reduktion auf den Ort des helleren Sterns beträgt nach Auwers A. N. 3929 (vergl. Neuer Fundamental-Katalog, Seite 98):

1918.0: $\Delta\alpha = -0^s.056$ $\Delta\delta = +0''.02$
1919.0: $= -0.052$ $= +0.15$

⁴) Nr. 538. Schwerpunkt des Systems. Abstände vom Schwerpunkt nach See M. N. Dez. 1893 (vergl. Neuer Fundamental-Katalog, Seite 99):

heller Stern 1918.0: $\Delta\alpha = +0^s.634$ $\Delta\delta = +5''.70$
1919.0: $= +0.620$ $= +5.41$
Begleiter 1918.0: $\Delta\alpha = -0^s.745$ $\Delta\delta = -6''.70$
1919.0: $= -0.729$ $= -6.36$

Nördliche Polsterne

	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
Na	43 H. Cephei	4.3	0ʰ 57ᵐ 17ˢ.01	+ 7ˢ.668	+ 74	+85° 49′ 4″.58	+19″.421	— 1
Nb	α Ursae min.	2.0	1 30 42.29	+29.272	+144	+88 52 1.95	+18.497	+ 2
Nc	Gr. 750	6.8	4 10 20.25	+17.638	+ 16	+85 20 19.02	+ 9.262	+ 32
Nd	51 H. Cephei	5.2	7 2 33.60	+29.150	— 51	+87 10 49.04	— 5.440	— 36
Ne	1 H. Dracon.	4.3	9 25 30.47	+ 8.778	— 6	+81 41 25.86	—15.681	— 20
Nf	[30 H. Camel.]	5.2	10 21 12.28	+ 7.558	— 47	+82 58 36.55	—18.180	+ 31
Ng	ε Ursae min.	4.2	16 54 19.29	— 6.246	+ 7	+82 10 27.33	— 5.660	+ 6
Nh	δ Ursae min.	4.3	17 58 41.82	—19.499	+ 16	+86 36 51.36	— 0.057	+ 57
Ni	λ Ursae min.	6.8	19 1 27.87	—72.259	— 95	+89 1 7.66	+ 5.320	+ 8
Nk	76 Draconis	6.0	20 48 36.41	— 4.170	+ 16	+82 13 43.45	+13.480	+ 27

Südliche Polsterne

	Name	Gr.	AR. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.001	Dekl. 1918.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
Sa	Octantis 4 G.	6	1ʰ 41ᵐ 58ˢ.94	— 3ˢ.737	+ 18	—85° 11′ 3″.14	+18″.128	+ 35
Sb	[ξ Mensae]	6.0	5 8 9.44	— 6.934	— 4	—82 34 55.14	+ 4.510	+ 14
Sc	ζ Octantis	6–5	9 8 50.75	— 8.149	— 93	—85 20 11.94	—14.663	+ 48
Sd	ι Octantis	6–5	12 46 13.34	+ 5.988	+ 42	—84 40 42.05	—19.614	+ 25
Se	Octantis 20 G.	7	14 46 36.54	+26.202	—182	—87 49 5.30	—15.045	— 67
Sf	Octantis 26 G.	6–7	16 30 2.43	+21.758	+ 5	—86 13 5.75	— 7.670	— 2
Sg	χ Octantis	6	18 6 47.92	+35.729	— 92	—87 39 51.40	+ 0.467	—128
Sh	σ Octantis	6	19 29 17.30	+94.279	+113	—89 13 21.02	+ 7.612	— 1
Si	β Octantis	4.1	22 37 45.54	+ 6.308	— 26	—81 48 43.61	+18.771	+ 3
Sk	τ Octantis	6	23 16 19.14	+10.108	+ 21	—87 55 58.67	+19.698	+ 15

Von den Sternen, deren Namen eingeklammert sind, folgen keine Ephemeriden.

Mittlere Zeit Greenw.	1) α Andromedae				2) β Cassiopeiae				3) ε Phoenicis				7) γ Pegasi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$0^h\ 4^m$		+28° 38′		$0^h\ 4^m$		+58° 41′		$0^h\ 5^m$		−46° 11′		$0^h\ 9^m$		+14° 43′	
Jan. 0.2	$9^s.607$	136	31″.36	92	$48^s.334$	303	74″.57	74	$15^s.920$	202	68″.51	35	$1^s.589$	115	50″.40	83
10.2	9.471	129	30.44	118	48.031	292	73.83	125	15.718	187	68.16	81	1.474	109	49.57	95
20.2	9.342	118	29.26	139	47.739	268	72.58	172	15.531	166	67.35	125	1.365	99	48.62	101
30.1	9.224	99	27.87	154	47.471	230	70.86	211	15.365	138	66.10	165	1.266	85	47.61	105
Feb. 9.1	9.125	75	26.33	162	47.241	183	68.75	242	15.227	107	64.45	202	1.181	64	46.56	103
19.1	9.050	44	24.71	164	47.058	123	66.33	262	15.120	69	62.43	234	1.117	37	45.53	95
März 1.1	9.006	7	23.07	157	46.935	54	63.71	272	15.051	27	60.09	261	1.080	6	44.58	82
11.0	8.999	34	21.50	142	46.881	21	60.99	271	15.024	19	57.48	283	1.074	30	43.76	64
21.0	9.033	79	20.08	121	46.902	100	58.28	257	15.043	69	54.65	298	1.104	70	43.12	40
31.0	9.112	125	18.87	93	47.002	179	55.71	234	15.112	119	51.67	309	1.174	111	42.72	14
Apr. 10.0	9.237	171	17.94	60	47.181	256	53.37	201	15.231	171	48.58	313	1.285	153	42.58	16
19.9	9.408	216	17.34	23	47.437	327	51.36	160	15.402	222	45.45	310	1.438	194	42.74	48
29.9	9.624	256	17.11	15	47.764	390	49.76	113	15.624	268	42.35	300	1.632	232	43.22	79
Mai 9.9	9.880	290	17.26	55	48.154	441	48.63	64	15.892	311	39.35	285	1.864	264	44.01	110
19.8	10.170	317	17.81	93	48.595	481	47.99	10	16.203	347	36.50	262	2.128	290	45.11	138
29.8	10.487	336	18.74	129	49.076	507	47.89	42	16.550	375	33.88	233	2.418	310	46.49	163
Juni 8.8	10.823	345	20.03	162	49.583	519	48.31	94	16.925	393	31.55	198	2.728	321	48.12	184
18.8	11.168	347	21.65	190	50.102	518	49.25	143	17.318	400	29.57	159	3.049	323	49.96	199
28.7	11.515	338	23.55	214	50.620	503	50.68	188	17.718	398	27.98	116	3.372	317	51.95	210
Juli 8.7	11.853	322	25.69	231	51.123	475	52.56	229	18.116	385	26.82	69	3.689	303	54.05	216
18.7	12.175	298	28.00	243	51.598	439	54.85	264	18.501	360	26.13	22	3.992	283	56.21	215
28.7	12.473	268	30.43	250	52.037	392	57.49	292	18.861	327	25.91	26	4.275	255	58.36	209
Aug. 7.6	12.741	233	32.93	250	52.429	338	60.41	314	19.188	285	26.17	73	4.530	223	60.45	200
17.6	12.974	193	35.43	246	52.767	278	63.55	330	19.473	236	26.90	117	4.753	187	62.45	187
27.6	13.167	153	37.89	237	53.045	216	66.85	339	19.709	182	28.07	155	4.940	150	64.32	169
Sept. 6.5	13.320	112	40.26	223	53.261	153	70.24	340	19.891	125	29.62	188	5.090	111	66.01	150
16.5	13.432	71	42.49	207	53.414	88	73.64	335	20.016	68	31.50	212	5.201	73	67.51	128
26.5	13.503	33	44.56	185	53.502	26	76.99	323	20.084	11	33.62	229	5.274	38	68.79	106
Okt. 6.5	13.536	3	46.41	162	53.528	34	80.22	304	20.095	41	35.91	235	5.312	5	69.85	83
16.4	13.533	35	48.03	137	53.494	89	83.26	279	20.054	89	38.26	231	5.317	24	70.68	61
26.4	13.498	62	49.40	109	53.405	141	86.05	248	19.965	130	40.57	219	5.293	50	71.29	37
Nov. 5.4	13.436	85	50.49	80	53.264	186	88.53	209	19.835	163	42.76	196	5.243	70	71.66	16
15.4	13.351	104	51.29	49	53.078	227	90.62	167	19.672	189	44.72	167	5.173	88	71.82	4
25.3	13.247	120	51.78	17	52.851	260	92.29	118	19.483	205	46.39	130	5.085	101	71.78	25
Dez. 5.3	13.127	131	51.95	15	52.591	285	93.47	67	19.278	215	47.69	88	4.984	110	71.53	45
15.3	12.996	138	51.80	46	52.306	302	94.14	13	19.063	217	48.57	43	4.874	116	71.08	61
25.2	12.858	140	51.34	76	52.004	308	94.27	42	18.846	212	49.00	4	4.758	119	70.47	77
35.2	12.718		50.58		51.696		93.85		18.634		48.96		4.639		69.70	
Mittl. Ort	8.724		15.85		47.556		50.97		15.128		59.95		0.662		39.56	
sec δ, tg δ	1.139		+0.546		1.925		+1.645		1.445		−1.043		1.034		+0.263	

Mittlere Zeit Greenw.	9) ι Ceti				10) ζ Tucanae				11) β Hydri				12) α Phoenicis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$0^h 15^m$		−9° 16′		$0^h 15^m$		−65° 20′		$0^h 21^m$		−77° 42′		$0^h 22^m$		−42° 44′	
Jan. 0.2	15.951	112	40.16	55	49.07	41	96.47	79	28.25	92	70.98	101	14.893	192	72.95	8
10.2	15.839	106	40.71	41	48.66	39	95.68	135	27.33	86	69.97	161	14.701	183	72.87	54
20.2	15.733	97	41.12	24	48.27	34	94.33	187	26.47	78	68.36	215	14.518	166	72.33	96
30.2	15.636	84	41.36	5	47.93	30	92.46	234	25.69	69	66.21	263	14.352	145	71.37	138
Feb. 9.1	15.552	64	41.41	14	47.63	24	90.12	274	25.00	56	63.58	303	14.207	117	69.99	176
19.1	15.488	40	41.27	36	47.39	18	87.38	308	24.44	43	60.55	335	14.090	85	68.23	209
März 1.1	15.448	11	40.91	58	47.21	10	84.30	335	24.01	29	57.20	360	14.005	46	66.14	239
11.0	15.437	22	40.33	82	47.11	3	80.95	354	23.72	14	53.60	376	13.959	3	63.75	264
21.0	15.459	59	39.51	105	47.08	5	77.41	364	23.58	2	49.84	384	13.956	43	61.11	283
31.0	15.518	98	38.46	129	47.13	13	73.77	368	23.60	17	46.00	383	13.999	92	58.28	296
Apr. 10.0	15.616	139	37.17	151	47.26	21	70.09	364	23.77	32	42.17	374	14.091	143	55.32	305
19.9	15.755	179	35.66	170	47.47	30	66.45	352	24.09	48	38.43	357	14.234	192	52.27	306
29.9	15.934	215	33.96	188	47.77	37	62.93	333	24.57	62	34.86	333	14.426	240	49.21	301
Mai 9.9	16.149	248	32.08	201	48.14	43	59.60	306	25.19	74	31.53	301	14.666	282	46.20	290
19.9	16.397	277	30.07	209	48.57	50	56.54	272	25.93	86	28.52	262	14.948	319	43.30	271
29.8	16.674	297	27.98	213	49.07	54	53.82	233	26.79	95	25.90	219	15.267	349	40.59	246
Juni 8.8	16.971	310	25.85	211	49.61	57	51.49	187	27.74	101	23.71	169	15.616	370	38.13	216
18.8	17.281	316	23.74	204	50.18	60	49.62	138	28.75	106	22.02	115	15.986	381	35.97	179
28.7	17.597	312	21.70	191	50.78	60	48.24	84	29.81	107	20.87	59	16.367	381	34.18	138
Juli 8.7	17.909	301	19.79	173	51.38	58	47.40	29	30.88	106	20.28	2	16.748	373	32.80	94
18.7	18.210	283	18.06	151	51.96	55	47.11	26	31.94	100	20.26	56	17.121	352	31.86	48
28.7	18.493	257	16.55	126	52.51	51	47.37	81	32.94	93	20.82	112	17.473	325	31.38	1
Aug. 7.6	18.750	227	15.29	99	53.02	45	48.18	132	33.87	82	21.94	163	17.798	287	31.39	47
17.6	18.977	192	14.30	69	53.47	37	49.50	179	34.69	69	23.57	211	18.085	243	31.86	93
27.6	19.169	154	13.61	39	53.84	29	51.29	219	35.38	53	25.68	250	18.328	195	32.79	133
Sept. 6.6	19.323	115	13.22	11	54.13	20	53.48	252	35.91	36	28.18	280	18.523	142	34.12	169
16.5	19.438	77	13.11	16	54.33	10	56.00	274	36.27	18	30.98	300	18.665	89	35.81	197
26.5	19.515	40	13.27	40	54.43	0	58.74	287	36.45	2	33.98	309	18.754	36	37.78	217
Okt. 6.5	19.555	6	13.67	59	54.43	8	61.61	287	36.43	20	37.07	306	18.790	13	39.95	229
16.4	19.561	24	14.26	75	54.35	17	64.48	276	36.23	38	40.13	291	18.777	59	42.24	230
26.4	19.537	50	15.01	86	54.18	25	67.24	254	35.85	54	43.04	264	18.718	99	44.54	222
Nov. 5.4	19.487	71	15.87	92	53.93	31	69.78	221	35.31	68	45.68	225	18.619	133	46.76	204
15.4	19.416	88	16.79	94	53.62	37	71.99	179	34.63	80	47.93	178	18.486	160	48.80	179
25.3	19.328	101	17.73	91	53.25	40	73.78	130	33.83	88	49.71	124	18.326	180	50.59	147
Dez. 5.3	19.227	110	18.64	86	52.85	43	75.08	75	32.95	93	50.95	64	18.146	192	52.06	109
15.3	19.117	115	19.50	77	52.42	43	75.83	18	32.02	95	51.59	1	17.954	199	53.15	66
25.3	19.002	116	20.27	65	51.99	42	76.01	41	31.07	95	51.60	61	17.755	199	53.81	22
35.2	18.886		20.92		51.57		75.60		30.12		50.99		17.556		54.03	
Mittl. Ort	15.002		42.52		48.38		84.37		27.84		57.72		13.979		65.06	
sec δ, tg δ	1.013		−0.163		2.398		−2.180		4.700		−4.593		1.362		−0.924	

Mittlere Zeit Greenw.	13) 12 Ceti AR.		13) 12 Ceti Dekl.		17) ζ Cassiopeiae AR.		17) ζ Cassiopeiae Dekl.		18) π Andromedae AR.		18) π Andromedae Dekl.		20) δ Andromedae AR.		20) δ Andromedae Dekl.	
1918	0h 25m		−4° 24′		0h 32m		+53° 26′		0h 32m		+33° 16′		0h 34m		+30° 24′	
Jan. 0.2	52.259	111	33.13	64	24.798	254	67.29	48	30.915	150	22.12	71	57.447	143	61.00	71
10.2	52.148	109	33.77	53	24.544	252	66.81	97	30.765	151	21.41	100	57.304	143	60.29	98
20.2	52.039	101	34.30	42	24.292	240	65.84	142	30.614	144	20.41	127	57.161	138	59.31	122
30.2	51.938	89	34.72	27	24.052	217	64.42	180	30.470	129	19.14	149	57.023	124	58.09	141
Feb. 9.1	51.849	72	34.99	11	23.835	183	62.62	212	30.341	108	17.65	164	56.899	104	56.68	153
19.1	51.777	49	35.10	8	23.652	137	60.50	234	30.233	78	16.01	172	56.795	76	55.15	160
März 1.1	51.728	21	35.02	29	23.515	82	58.16	247	30.155	42	14.29	171	56.719	41	53.55	158
11.1	51.707	12	34.73	51	23.433	19	55.69	248	30.113	0	12.58	163	56.678	0	51.97	149
21.0	51.719	49	34.22	75	23.414	49	53.21	239	30.113	48	10.95	147	56.678	45	50.48	132
31.0	51.768	89	33.47	100	23.463	119	50.82	221	30.161	97	9.48	124	56.723	93	49.16	109
Apr. 10.0	51.857	129	32.47	123	23.582	190	48.61	193	30.258	148	8.24	95	56.816	142	48.07	79
19.9	51.986	170	31.24	146	23.772	256	46.68	158	30.406	198	7.29	60	56.958	190	47.28	47
29.9	52.156	207	29.78	166	24.028	317	45.10	116	30.604	242	6.69	23	57.148	235	46.81	10
Mai 9.9	52.363	242	28.12	183	24.345	370	43.94	70	30.846	282	6.46	17	57.383	273	46.71	28
19.9	52.605	270	26.29	195	24.715	412	43.24	22	31.128	315	6.63	56	57.656	306	46.99	65
29.8	52.875	293	24.34	204	25.127	443	43.02	28	31.443	339	7.19	94	57.962	331	47.64	102
Juni 8.8	53.168	307	22.30	207	25.570	462	43.30	76	31.782	356	8.13	131	58.293	347	48.66	135
18.8	53.475	313	20.23	205	26.032	468	44.06	122	32.138	361	9.44	162	58.640	353	50.01	166
28.8	53.788	312	18.18	197	26.500	464	45.28	165	32.499	357	11.06	191	58.993	350	51.67	191
Juli 8.7	54.100	302	16.21	184	26.964	446	46.93	203	32.856	346	12.97	214	59.343	339	53.58	212
18.7	54.402	285	14.37	167	27.410	420	48.96	238	33.202	326	15.11	232	59.682	321	55.70	227
28.7	54.687	262	12.70	145	27.830	385	51.34	265	33.528	299	17.43	244	60.003	294	57.97	238
Aug. 7.6	54.949	232	11.25	121	28.215	342	53.99	288	33.827	266	19.87	250	60.297	263	60.35	241
17.6	55.181	199	10.04	94	28.557	293	56.87	303	34.093	229	22.37	252	60.560	227	62.76	241
27.6	55.380	162	9.10	67	28.850	241	59.90	313	34.322	190	24.89	248	60.787	189	65.17	236
Sept. 6.6	55.542	125	8.43	40	29.091	188	63.03	316	34.512	149	27.37	239	60.976	148	67.53	225
16.5	55.667	88	8.03	13	29.279	132	66.19	313	34.661	108	29.76	227	61.124	110	69.78	211
26.5	55.755	52	7.90	11	29.411	78	69.32	304	34.769	68	32.03	210	61.234	70	71.89	194
Okt. 6.5	55.807	18	8.01	33	29.489	26	72.36	288	34.837	31	34.13	190	61.304	34	73.83	174
16.5	55.825	11	8.34	50	29.515	24	75.24	267	34.868	4	36.03	167	61.338	1	75.57	152
26.4	55.814	38	8.84	64	29.491	71	77.91	240	34.864	36	37.70	141	61.339	31	77.09	126
Nov. 5.4	55.776	60	9.48	73	29.420	115	80.31	208	34.828	64	39.11	112	61.308	58	78.35	98
15.4	55.716	78	10.21	80	29.305	154	82.39	169	34.764	90	40.23	82	61.250	82	79.33	70
25.3	55.638	92	11.01	81	29.151	187	84.08	127	34.674	110	41.05	50	61.168	103	80.03	40
Dez. 5.3	55.546	104	11.82	81	28.964	217	85.35	80	34.564	128	41.55	16	61.065	121	80.43	8
15.3	55.442	110	12.63	77	28.747	238	86.15	31	34.436	143	41.71	19	60.944	134	80.51	24
25.3	55.332	115	13.40	72	28.509	253	86.46	19	34.293	151	41.52	52	60.810	143	80.27	54
35.2	55.217		14.12		28.256		86.27		34.142		41.00		60.667		79.73	
Mittl. Ort	51.243		37.14		23.635		44.79		29.802		5.15		56.319		44.94	
sec δ, tg δ	1.003		−0.077		1.679		+1.349		1.196		+0.656		1.160		+0.587	

Mittlere Zeit Greenw.	21) α Cassiopeiae AR.		Dekl.		22) β Ceti AR.		Dekl.		25) o Cassiopeiae AR.		Dekl.		24) 21 Cassiopeiae AR.		Dekl.	
	0h 35m		+56° 5′		0h 39m		−18° 25′		0h 40m		+47° 50′		0h 40m		+74° 32′	
1918	s		″		s		″		s		″		s		″	
Jan. 0.2	51.846	277	39.21	40	29.514	126	72.43	50	10.128	213	29.76	48	13.93	70	50.29	1
10.2	51.569	276	38.81	91	29.388	125	72.93	26	9.915	214	29.28	92	13.23	69	50.30	61
20.2	51.293	265	37.90	138	29.263	118	73.19	1	9.701	206	28.36	133	12.54	66	49.69	119
30.2	51.028	241	36.52	179	29.145	106	73.18	27	9.495	189	27.03	167	11.88	61	48.50	173
Feb. 9.1	50.787	204	34.73	212	29.039	90	72.91	54	9.306	161	25.36	196	11.27	52	46.77	220
19.1	50.583	155	32.61	238	28.949	68	72.37	81	9.145	123	23.40	215	10.75	41	44.57	257
März 1.1	50.428	97	30.23	253	28.881	39	71.56	108	9.022	76	21.25	226	10.34	28	42.00	283
11.1	50.331	30	27.70	256	28.842	6	70.48	133	8.946	22	18.99	226	10.06	14	39.17	298
21.0	50.301	44	25.14	249	28.836	31	69.15	158	8.924	38	16.73	217	9.92	2	36.19	300
31.0	50.345	118	22.65	233	28.867	72	67.57	180	8.962	101	14.56	198	9.94	17	33.19	290
Apr. 10.0	50.463	194	20.32	205	28.939	114	65.77	199	9.063	164	12.58	170	10.11	33	30.29	269
19.9	50.657	265	18.27	171	29.053	156	63.78	215	9.227	224	10.88	137	10.44	47	27.60	238
29.9	50.922	330	16.56	129	29.209	197	61.63	228	9.451	281	9.51	98	10.91	60	25.22	199
Mai 9.9	51.252	386	15.27	84	29.406	233	59.35	235	9.732	329	8.53	53	11.51	72	23.23	152
19.9	51.638	432	14.43	36	29.639	266	57.00	237	10.061	369	8.00	8	12.23	80	21.71	102
29.8	52.070	465	14.07	15	29.905	291	54.63	233	10.430	400	7.92	37	13.03	86	20.69	48
Juni 8.8	52.535	486	14.22	64	30.196	310	52.30	224	10.830	419	8.29	83	13.89	91	20.21	6
18.8	53.021	494	14.86	112	30.506	320	50.06	209	11.249	427	9.12	126	14.80	93	20.27	62
28.8	53.515	489	15.98	157	30.826	321	47.97	188	11.676	424	10.38	166	15.73	91	20.89	115
Juli 8.7	54.004	473	17.55	197	31.147	315	46.09	163	12.100	412	12.04	200	16.64	89	22.04	164
18.7	54.477	446	19.52	233	31.462	300	44.46	133	12.512	389	14.04	231	17.53	84	23.68	211
28.7	54.923	408	21.85	263	31.762	278	43.13	100	12.901	358	16.35	255	18.37	77	25.79	252
Aug. 7.6	55.331	365	24.48	287	32.040	250	42.13	65	13.259	321	18.90	274	19.14	69	28.31	287
17.6	55.696	314	27.35	306	32.290	217	41.48	29	13.580	278	21.64	287	19.83	60	31.18	317
27.6	56.010	259	30.41	317	32.507	180	41.19	6	13.858	232	24.51	294	20.43	49	34.35	340
Sept. 6.6	56.269	203	33.58	322	32.687	141	41.25	39	14.090	184	27.45	295	20.92	38	37.75	356
16.5	56.472	145	36.80	321	32.828	102	41.64	70	14.274	135	30.40	290	21.30	27	41.31	363
26.5	56.617	87	40.01	313	32.930	63	42.34	94	14.409	87	33.30	279	21.57	14	44.94	365
Okt. 6.5	56.704	31	43.14	299	32.993	27	43.28	115	14.496	41	36.09	264	21.71	2	48.59	359
16.5	56.735	23	46.13	279	33.020	7	44.43	130	14.537	3	38.73	243	21.73	9	52.18	344
26.4	56.712	73	48.92	253	33.013	36	45.73	137	14.534	45	41.16	217	21.64	21	55.62	322
Nov. 5.4	56.639	121	51.45	221	32.977	62	47.10	138	14.489	84	43.33	186	21.43	32	58.84	291
15.4	56.518	165	53.66	182	32.915	83	48.48	133	14.405	119	45.19	151	21.11	42	61.75	253
25.3	56.353	202	55.48	140	32.832	101	49.81	123	14.286	149	46.70	112	20.69	51	64.28	207
Dez. 5.3	56.151	234	56.88	92	32.731	113	51.04	108	14.137	176	47.82	69	20.18	59	66.35	155
15.3	55.917	259	57.80	41	32.618	123	52.12	89	13.961	196	48.51	24	19.59	65	67.90	98
25.3	55.658	276	58.21	9	32.495	128	53.01	67	13.765	211	48.75	22	18.94	69	68.88	37
35.2	55.382		58.12		32.367		53.68		13.554		48.53		18.25		69.25	
Mittl. Ort	50.627		16.14		28.443		71.54		8.897		8.69		12.38		24.13	
sec δ, tg δ	1.792		+1.487		1.054		−0.333		1.490		+1.104		3.752		+3.616	

Mittlere Zeit Greenw.	27) ζ Andromedae				32) γ Cassiopeiae				33) μ Andromedae				35) α Sculptoris			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	0h 42m		+23° 49′		0h 51m		+60° 16′		0h 52m		+38° 3′		0h 54m		−29° 47′	
Jan. 0.2	60.479	129	30.44	69	46.30	32	46.44	14	13.061	165	35.72	50	40.443	153	66.46	45
10.2	60.350	132	29.75	90	45.98	32	46.30	68	12.896	170	35.22	85	40.290	153	66.91	8
20.2	60.218	128	28.85	107	45.66	32	45.62	118	12.726	167	34.37	117	40.137	148	66.99	28
30.2	60.090	117	27.78	120	45.34	30	44.44	164	12.559	155	33.20	144	39.989	136	66.71	64
Feb. 9.1	59.973	100	26.58	128	45.04	26	42.80	204	12.404	135	31.76	164	39.853	120	66.07	99
19.1	59.873	76	25.30	129	44.78	21	40.76	233	12.269	107	30.12	179	39.733	96	65.08	133
März 1.1	59.797	44	24.01	125	44.57	14	38.43	255	12.162	69	28.33	185	39.637	68	63.75	164
11.1	59.753	7	22.76	113	44.43	7	35.88	264	12.093	25	26.48	182	39.569	32	62.11	192
21.0	59.746	36	21.63	96	44.36	2	33.24	262	12.068	24	24.66	171	39.537	7	60.19	217
31.0	59.782	80	20.67	72	44.38	9	30.62	251	12.092	78	22.95	152	39.544	51	58.02	238
Apr. 10.0	59.862	127	19.95	45	44.47	18	28.11	228	12.170	132	21.43	126	39.595	95	55.64	255
19.9	59.989	173	19.50	14	44.65	27	25.83	197	12.302	186	20.17	95	39.690	142	53.09	268
29.9	60.162	217	19.36	20	44.92	34	23.86	159	12.488	236	19.22	58	39.832	186	50.41	274
Mai 9.9	60.379	254	19.56	53	45.26	41	22.27	115	12.724	281	18.64	19	40.018	228	47.67	274
19.9	60.633	287	20.09	87	45.67	46	21.12	68	13.005	319	18.45	21	40.246	265	44.93	268
29.8	60.920	312	20.96	119	46.13	50	20.44	17	13.324	348	18.66	62	40.511	294	42.25	257
Juni 8.8	61.232	328	22.15	147	46.63	53	20.27	33	13.672	367	19.28	100	40.805	318	39.68	238
18.8	61.560	337	23.62	171	47.16	55	20.60	82	14.039	378	20.28	136	41.123	332	37.30	214
28.8	61.897	336	25.33	191	47.71	54	21.42	130	14.417	378	21.64	169	41.455	337	35.16	184
Juli 8.7	62.233	327	27.24	206	48.25	53	22.72	173	14.795	369	23.33	196	41.792	335	33.32	149
18.7	62.560	311	29.30	216	48.78	51	24.45	212	15.164	352	25.29	219	42.127	323	31.83	111
28.7	62.871	287	31.46	220	49.29	47	26.57	247	15.516	328	27.48	236	42.450	302	30.72	69
Aug. 7.7	63.158	258	33.66	220	49.76	42	29.04	276	15.844	296	29.84	249	42.752	275	30.03	26
17.6	63.416	224	35.86	215	50.18	37	31.80	298	16.140	260	32.33	255	43.027	242	29.77	17
27.6	63.640	189	38.01	204	50.55	32	34.78	315	16.400	221	34.88	257	43.269	204	29.94	58
Sept. 6.6	63.829	152	40.05	192	50.87	25	37.93	325	16.621	180	37.45	253	43.473	163	30.52	97
16.5	63.981	113	41.97	175	51.12	19	41.18	328	16.801	139	39.98	245	43.636	120	31.49	130
26.5	64.094	77	43.72	156	51.31	13	44.46	326	16.940	97	42.43	232	43.756	77	32.79	157
Okt. 6.5	64.171	43	45.28	136	51.44	6	47.72	315	17.037	57	44.75	215	43.833	37	34.36	177
16.5	64.214	10	46.64	114	51.50	0	50.87	299	17.094	20	46.90	195	43.870	2	36.13	189
26.4	64.224	19	47.78	91	51.50	5	53.86	277	17.114	16	48.85	171	43.868	38	38.02	194
Nov. 5.4	64.205	45	48.69	67	51.45	12	56.63	246	17.098	48	50.56	143	43.830	67	39.96	189
15.4	64.160	69	49.36	42	51.33	17	59.09	211	17.050	78	51.99	113	43.763	94	41.85	176
25.4	64.091	89	49.78	17	51.16	21	61.20	169	16.972	105	53.12	80	43.669	116	43.61	158
Dez. 5.3	64.002	106	49.95	9	50.95	26	62.89	122	16.867	129	53.92	44	43.553	133	45.19	132
15.3	63.896	119	49.86	34	50.69	29	64.11	71	16.738	148	54.36	8	43.420	146	46.51	102
25.3	63.777	130	49.52	57	50.40	32	64.82	18	16.590	162	54.44	29	43.274	154	47.53	69
35.2	63.647		48.95		50.08		65.00		16.428		54.15		43.120		48.22	
Mittl. Ort	59.305		16.60		44.81		22.65		11.759		17.47		39.306		61.91	
sec δ, tg δ	1.093		+0.441		2.017		+1.751		1.270		+0.783		1.152		−0.573	

Mittlere Zeit Greenw.	36) ε Piscium				38) β Phoenicis				42) β Andromedae				45) υ Piscium			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$0^h\,58^m$		$+7°\,26'$		$1^h\,2^m$		$-47°\,8'$		$1^h\,5^m$		$+35°\,11'$		$1^h\,14^m$		$+26°\,50'$	
Jan. 0.3	42.364	114	64.25	69	26.678	232	97.21	24	9.523	154	27.37	44	58.717	133	14.62	49
10.2	42.250	118	63.56	72	26.446	229	97.45	25	9.369	161	26.93	76	58.584	141	14.13	72
20.2	42.132	117	62.84	71	26.217	222	97.20	74	9.208	162	26.17	105	58.443	143	13.41	93
30.2	42.015	110	62.13	68	25.995	207	96.46	122	9.046	153	25.12	130	58.300	139	12.48	110
Feb. 9.2	41.905	97	61.45	62	25.788	183	95.24	166	8.893	137	23.82	150	58.161	127	11.38	121
19.1	41.808	78	60.83	52	25.605	153	93.58	205	8.756	112	22.32	163	58.034	106	10.17	129
März 1.1	41.730	52	60.31	38	25.452	116	91.53	240	8.644	79	20.69	169	57.928	77	8.88	130
11.1	41.678	19	59.93	20	25.336	72	89.13	271	8.565	37	19.00	166	57.851	40	7.58	124
21.0	41.659	18	59.73	1	25.264	24	86.42	295	8.528	11	17.34	156	57.811	1	6.34	111
31.0	41.677	59	59.74	24	25.240	29	83.47	312	8.539	61	15.78	139	57.812	47	5.23	93
Apr. 10.0	41.736	101	59.98	49	25.269	84	80.35	325	8.600	115	14.39	114	57.859	97	4.30	70
20.0	41.837	145	60.47	76	25.353	141	77.10	329	8.715	167	13.25	85	57.956	145	3.60	41
29.9	41.982	186	61.23	101	25.494	195	73.81	327	8.882	216	12.40	51	58.101	192	3.19	11
Mai 9.9	42.168	224	62.24	125	25.689	246	70.54	318	9.098	262	11.89	15	58.293	236	3.08	22
19.9	42.392	256	63.49	148	25.935	293	67.36	301	9.360	301	11.74	23	58.529	273	3.30	55
29.9	42.648	283	64.97	166	26.228	333	64.35	278	9.661	332	11.97	61	58.802	303	3.85	87
Juni 8.8	42.931	302	66.63	181	26.561	363	61.57	247	9.993	353	12.58	98	59.105	326	4.72	117
18.8	43.233	313	68.44	191	26.924	385	59.10	210	10.346	366	13.56	131	59.431	339	5.89	144
28.8	43.546	316	70.35	195	27.309	396	57.00	167	10.712	369	14.87	161	59.770	345	7.33	167
Juli 8.7	43.862	311	72.30	195	27.705	397	55.33	121	11.081	363	16.48	186	60.115	341	9.00	185
18.7	44.173	298	74.25	189	28.102	386	54.12	71	11.444	348	18.34	207	60.456	329	10.85	199
28.7	44.471	279	76.14	179	28.488	365	53.41	20	11.792	327	20.41	224	60.785	311	12.84	207
Aug. 7.7	44.750	254	77.93	165	28.853	334	53.21	33	12.119	299	22.65	234	61.096	286	14.91	211
17.6	45.004	224	79.58	147	29.187	295	53.54	83	12.418	266	24.99	239	61.382	256	17.02	210
27.6	45.228	192	81.05	126	29.482	250	54.37	131	12.684	229	27.38	239	61.638	224	19.12	205
Sept. 6.6	45.420	158	82.31	104	29.732	199	55.68	172	12.913	190	29.77	236	61.862	188	21.17	196
16.6	45.578	122	83.35	81	29.931	144	57.40	208	13.103	151	32.13	227	62.050	152	23.13	183
26.5	45.700	88	84.16	58	30.075	89	59.48	235	13.254	112	34.40	214	62.202	116	24.96	168
Okt. 6.5	45.788	55	84.74	35	30.164	34	61.83	253	13.366	74	36.54	198	62.318	81	26.64	150
16.5	45.843	25	85.09	16	30.198	18	64.36	261	13.440	37	38.52	179	62.399	48	28.14	131
26.4	45.868	3	85.25	3	30.180	68	66.97	257	13.477	3	40.31	157	62.447	16	29.45	110
Nov. 5.4	45.865	29	85.22	20	30.112	110	69.54	244	13.480	30	41.88	131	62.463	15	30.55	88
15.4	45.836	51	85.02	34	30.002	149	71.98	220	13.450	60	43.19	104	62.448	42	31.43	64
25.4	45.785	71	84.68	45	29.853	179	74.18	188	13.390	88	44.23	74	62.406	67	32.07	40
Dez. 5.3	45.714	87	84.23	56	29.674	204	76.06	150	13.302	112	44.97	42	62.339	91	32.47	15
15.3	45.627	102	83.67	63	29.470	221	77.56	105	13.190	133	45.39	8	62.248	111	32.62	11
25.3	45.525	112	83.04	69	29.249	231	78.61	58	13.057	150	45.47	25	62.137	128	32.51	35
35.3	45.413		82.35		29.018		79.19		12.907		45.22		62.009		32.16	
Mittl. Ort	41.129		56.26		25.518		88.09		8.124		10.16		57.292		0.20	
sec δ, tg δ	1.008		+0.131		1.471		−1.078		1.224		+0.705		1.121		+0.506	

Mittlere Zeit Greenw.	47) ϑ Ceti AR.		47) ϑ Ceti Dekl.		48) δ Cassiopeiae AR.		48) δ Cassiopeiae Dekl.	
1918	$1^h\ 19^m$		−8° 35′		$1^h\ 20^m$		+59° 48′	
Jan. 0.3	56.766	117	80.01	75	28.203	304	57.60	19
10.3	56.649	125	80.76	58	27.899	321	57.79	34
20.2	56.524	126	81.34	40	27.578	324	57.45	86
30.2	56.398	123	81.74	21	27.254	311	56.59	133
Feb. 9.2	56.275	113	81.95	0	26.943	284	55.26	175
19.1	56.162	96	81.95	22	26.659	241	53.51	210
März 1.1	56.066	73	81.73	45	26.418	185	51.41	235
11.1	55.993	43	81.28	70	26.233	116	49.06	251
21.1	55.950	8	80.58	93	26.117	38	46.55	256
31.0	55.942	31	79.65	118	26.079	45	43.99	251
Apr. 10.0	55.973	74	78.47	141	26.124	131	41.48	235
20.0	56.047	117	77.06	162	26.255	214	39.13	210
30.0	56.164	160	75.44	181	26.469	294	37.03	177
Mai 9.9	56.324	200	73.63	196	26.763	365	35.26	139
19.9	56.524	235	71.67	207	27.128	428	33.87	95
29.9	56.759	264	69.60	213	27.556	476	32.92	48
Juni 8.8	57.023	288	67.47	215	28.032	513	32.44	1
18.8	57.311	303	65.32	210	28.545	535	32.43	48
28.8	57.614	311	63.22	200	29.080	545	32.91	94
Juli 8.8	57.925	310	61.22	185	29.625	540	33.85	138
18.7	58.235	302	59.37	163	30.165	524	35.23	178
28.7	58.537	287	57.74	139	30.689	497	37.01	215
Aug. 7.7	58.824	265	56.35	111	31.186	459	39.16	246
17.6	59.089	238	55.24	81	31.645	415	41.62	271
27.6	59.327	208	54.43	49	32.060	364	44.33	291
Sept. 6.6	59.535	174	53.94	16	32.424	308	47.24	305
16.6	59.709	140	53.78	13	32.732	250	50.29	313
26.5	59.849	105	53.91	41	32.982	188	53.42	315
Okt. 6.5	59.954	71	54.32	65	33.170	127	56.57	310
16.5	60.025	40	54.97	84	33.297	66	59.67	299
26.5	60.065	9	55.81	99	33.363	5	62.66	281
Nov. 5.4	60.074	18	56.80	109	33.368	56	65.47	257
15.4	60.056	43	57.89	112	33.312	112	68.04	227
25.4	60.013	66	59.01	112	33.200	166	70.31	189
Dez. 5.3	59.947	85	60.13	106	33.034	216	72.20	147
15.3	59.862	101	61.19	98	32.818	259	73.67	100
25.3	59.761	114	62.17	85	32.559	293	74.67	50
35.3	59.647		63.02		32.266		75.17	
Mittl. Ort	55.449		82.16		26.289		34.48	
sec δ, tg δ	1.011		−0.151		1.989		+1.719	

Mittlere Zeit Greenw.	50) η Piscium AR.		50) η Piscium Dekl.		51) 40 Cassiopeiae AR.		51) 40 Cassiopeiae Dekl.	
1918	$1^h\ 27^m$		+14° 55′		$1^h\ 31^m$		+72° 37′	
Jan. 0.3	6.984	115	34.59	59	58.79	57	46.67	64
10.3	6.869	126	34.00	69	58.22	61	47.31	4
20.2	6.743	130	33.31	77	57.61	61	47.35	55
30.2	6.613	128	32.54	81	57.00	59	46.80	112
Feb. 9.2	6.485	119	31.73	82	56.41	55	45.68	164
19.1	6.366	102	30.91	79	55.86	47	44.04	210
März 1.1	6.264	79	30.12	72	55.39	38	41.94	245
11.1	6.185	47	29.40	61	55.01	27	39.49	271
21.1	6.138	9	28.79	44	54.74	14	36.78	285
31.0	6.129	32	28.35	24	54.60	1	33.93	289
Apr. 10.0	6.161	77	28.11	1	54.61	14	31.04	279
20.0	6.238	123	28.10	24	54.75	29	28.25	261
30.0	6.361	168	28.34	52	55.04	41	25.64	232
Mai 9.9	6.529	209	28.86	79	55.45	54	23.32	196
19.9	6.738	245	29.65	104	55.99	64	21.36	153
29.9	6.983	276	30.69	128	56.63	72	19.83	107
Juni 8.8	7.259	300	31.97	149	57.35	78	18.76	56
18.8	7.559	314	33.46	165	58.13	83	18.20	4
28.8	7.873	322	35.11	178	58.96	85	18.16	48
Juli 8.8	8.195	322	36.89	185	59.81	85	18.64	98
18.7	8.517	312	38.74	187	60.66	83	19.62	145
28.7	8.829	298	40.61	185	61.49	80	21.07	189
Aug. 7.7	9.127	276	42.46	179	62.29	74	22.96	229
17.6	9.403	249	44.25	167	63.03	68	25.25	265
27.6	9.652	220	45.92	153	63.71	61	27.90	293
Sept. 6.6	9.872	188	47.45	136	64.32	52	30.83	317
16.6	10.060	154	48.81	117	64.84	42	34.00	334
26.5	10.214	121	49.98	98	65.26	32	37.34	344
Okt. 6.5	10.335	88	50.96	77	65.58	22	40.78	347
16.5	10.423	57	51.73	58	65.80	11	44.25	343
26.5	10.480	28	52.31	38	65.91	0	47.68	331
Nov. 5.4	10.508	1	52.69	20	65.91	10	50.99	311
15.4	10.507	27	52.89	3	65.81	21	54.10	283
25.4	10.480	52	52.92	12	65.60	31	56.93	246
Dez. 5.3	10.428	73	52.80	28	65.29	40	59.39	203
15.3	10.355	93	52.52	42	64.89	49	61.42	154
25.3	10.262	111	52.10	53	64.40	55	62.96	99
35.3	10.151		51.57		63.85		63.95	
Mittl. Ort	5.541		24.37		55.96		21.83	
sec δ, tg δ	1.035		+0.266		3.348		+3.195	

Mittlere Zeit Greenw.	52) υ Persei AR.		52) υ Persei Dekl.		54) α Eridani AR.		54) α Eridani Dekl.		55) 43 Cassiopeiae AR.		55) 43 Cassiopeiae Dekl.		57) φ Persei AR.		57) φ Persei Dekl.	
1918	$1^h\,32^m$		+48° 12′		$1^h\,34^m$		−57° 38′		$1^h\,36^m$		+67° 37′		$1^h\,38^m$		+50° 16′	
Jan. 0.3	58.821	201	67.77	5	41.169	332	82.21	47	17.29	42	68.07	57	32.589	211	54.64	15
10.3	58.620	219	67.82	38	40.837	339	82.68	10	16.87	46	68.64	0	32.378	231	54.79	29
20.2	58.401	225	67.44	80	40.498	335	82.58	66	16.41	46	68.64	57	32.147	240	54.50	72
30.2	58.176	222	66.64	119	40.163	322	81.92	119	15.95	45	68.07	111	31.907	237	53.78	114
Feb. 9.2	57.954	206	65.45	152	39.841	298	80.73	169	15.50	41	66.96	160	31.670	222	52.64	149
19.1	57.748	179	63.93	180	39.543	265	79.04	216	15.09	37	65.36	203	31.448	195	51.15	179
März 1.1	57.569	141	62.13	199	39.278	222	76.88	255	14.72	30	63.33	237	31.253	156	49.36	201
11.1	57.428	93	60.14	209	39.056	171	74.33	289	14.42	20	60.96	260	31.097	105	47.35	213
21.1	57.335	35	58.05	212	38.885	112	71.44	318	14.22	10	58.36	273	30.992	47	45.22	218
31.0	57.300	27	55.93	203	38.773	48	68.26	338	14.12	0	55.63	274	30.945	18	43.04	212
Apr. 10.0	57.327	92	53.90	187	38.725	21	64.88	351	14.12	11	52.89	266	30.963	87	40.92	197
20.0	57.419	158	52.03	163	38.746	91	61.37	357	14.23	23	50.23	246	31.050	154	38.95	175
30.0	57.577	221	50.40	133	38.837	161	57.80	355	14.46	33	47.77	218	31.204	221	37.20	145
Mai 9.9	57.798	278	49.07	96	38.998	228	54.25	346	14.79	43	45.59	182	31.425	281	35.75	110
19.9	58.076	329	48.11	58	39.226	292	50.79	327	15.22	51	43.77	140	31.706	334	34.65	71
29.9	58.405	371	47.53	16	39.518	348	47.52	302	15.73	58	42.37	94	32.040	378	33.94	30
Juni 8.9	58.776	402	47.37	26	39.866	395	44.50	269	16.31	64	41.43	46	32.418	413	33.64	13
18.8	59.178	423	47.63	67	40.261	432	41.81	230	16.95	67	40.97	5	32.831	436	33.77	54
28.8	59.601	433	48.30	106	40.693	456	39.51	183	17.62	69	41.02	54	33.267	447	34.31	96
Juli 8.8	60.034	432	49.36	143	41.149	469	37.68	133	18.31	69	41.56	102	33.714	447	35.27	133
18.7	60.466	421	50.79	175	41.618	468	36.35	79	19.00	67	42.58	147	34.161	439	36.60	167
28.7	60.887	403	52.54	204	42.086	454	35.56	22	19.67	65	44.05	189	34.600	420	38.27	198
Aug. 7.7	61.290	375	54.58	227	42.540	427	35.34	36	20.32	61	45.94	227	35.020	393	40.25	223
17.7	61.665	342	56.85	246	42.967	389	35.70	91	20.93	56	48.21	259	35.413	360	42.48	243
27.6	62.007	303	59.31	258	43.356	341	36.61	145	21.49	49	50.80	286	35.773	321	44.91	258
Sept. 6.6	62.310	262	61.89	266	43.697	283	38.06	193	21.98	43	53.66	307	36.094	278	47.49	268
16.6	62.572	218	64.55	268	43.980	218	39.99	233	22.41	35	56.73	322	36.372	233	50.17	273
26.6	62.790	172	67.23	266	44.198	150	42.32	266	22.76	28	59.95	330	36.605	187	52.90	272
Okt. 6.5	62.962	127	69.89	258	44.348	80	44.98	288	23.04	20	63.25	332	36.792	139	55.62	266
16.5	63.089	80	72.47	246	44.428	10	47.86	299	23.24	11	66.57	327	36.931	92	58.28	256
26.5	63.169	36	74.93	228	44.438	58	50.85	298	23.35	3	69.84	314	37.023	45	60.84	239
Nov. 5.4	63.205	7	77.21	206	44.380	122	53.83	285	23.38	6	72.98	294	37.068	2	63.23	218
15.4	63.198	51	79.27	179	44.258	179	56.68	262	23.32	13	75.92	267	37.066	48	65.41	191
25.4	63.147	91	81.06	147	44.079	228	59.30	228	23.19	21	78.59	232	37.018	91	67.32	159
Dez. 5.4	63.056	129	82.53	111	43.851	270	61.58	186	22.98	29	80.91	190	36.927	132	68.91	124
15.3	62.927	163	83.64	72	43.581	303	63.44	137	22.69	35	82.81	142	36.795	169	70.15	84
25.3	62.764	191	84.36	30	43.278	324	64.81	83	22.34	41	84.23	89	36.626	200	70.99	41
35.3	62.573		84.66		42.954		65.64		21.93		85.12		36.426		71.40	
Mittl. Ort	57.010		47.60		39.762		71.11		14.77		44.08		30.678		34.14	
sec δ, tg δ	1.501		+1.119		1.869		−1.579		2.627		+2.430		1.565		+1.203	

Mittlere Zeit Greenw.	59) τ Ceti*) AR.		59) τ Ceti*) Dekl.		60) ο Piscium AR.		60) ο Piscium Dekl.		61) Lac. ε Sculptoris AR.		61) Lac. ε Sculptoris Dekl.		62) ζ Ceti AR.		62) ζ Ceti Dekl.	
1918	1h 40m		−16° 21′		1h 41m		+8° 44′		1h 41m		−25° 27′		1h 47m		−10° 43′	
Jan. 0.3	16.901	129	69.13	79	5.166	109	51.57	64	49.692	143	47.66	85	26.188	117	81.89	84
10.3	16.772	140	69.92	54	5.057	122	50.93	67	49.549	153	48.51	51	26.071	129	82.73	66
20.2	16.632	143	70.46	28	4.935	129	50.26	67	49.396	157	49.02	17	25.942	135	83.39	45
30.2	16.489	142	70.74	0	4.806	129	49.59	65	49.239	156	49.19	19	25.807	137	83.84	22
Feb. 9.2	16.347	134	70.74	29	4.677	123	48.94	60	49.083	148	49.00	55	25.670	131	84.06	1
19.2	16.213	119	70.45	57	4.554	109	48.34	53	48.935	131	48.45	89	25.539	117	84.05	25
März 1.1	16.094	97	69.88	84	4.445	88	47.81	41	48.804	109	47.56	121	25.422	98	83.80	51
11.1	15.997	68	69.04	112	4.357	59	47.40	27	48.695	80	46.35	153	25.324	70	83.29	76
21.1	15.929	33	67.92	139	4.298	23	47.13	9	48.615	43	44.82	181	25.254	36	82.53	101
31.0	15.896	7	66.53	164	4.275	17	47.04	12	48.572	2	43.01	207	25.218	3	81.52	125
Apr. 10.0	15.903	49	64.89	186	4.292	61	47.16	35	48.570	43	40.94	229	25.221	45	80.27	149
20.0	15.952	94	63.03	205	4.353	105	47.51	58	48.613	89	38.65	246	25.266	89	78.78	170
30.0	16.046	138	60.98	221	4.458	150	48.09	83	48.702	135	36.19	259	25.355	133	77.08	189
Mai 9.9	16.184	181	58.77	233	4.608	192	48.92	107	48.837	180	33.60	267	25.488	175	75.19	204
19.9	16.365	219	56.44	239	4.800	229	49.99	129	49.017	221	30.93	269	25.663	214	73.15	215
29.9	16.584	251	54.05	240	5.029	261	51.28	148	49.238	256	28.24	263	25.877	247	71.00	220
Juni 8.9	16.835	278	51.65	236	5.290	286	52.76	163	49.494	285	25.61	252	26.124	274	68.80	221
18.8	17.113	297	49.29	224	5.576	303	54.39	175	49.779	306	23.09	235	26.398	294	66.59	216
28.8	17.410	308	47.05	208	5.879	314	56.14	181	50.085	320	20.74	210	26.692	306	64.43	204
Juli 8.8	17.718	312	44.97	185	6.193	315	57.95	183	50.405	325	18.64	180	26.998	310	62.39	188
18.7	18.030	306	43.12	159	6.508	309	59.78	180	50.730	321	16.84	146	27.308	307	60.51	166
28.7	18.336	294	41.53	126	6.817	296	61.58	172	51.051	310	15.38	107	27.615	295	58.85	140
Aug. 7.7	18.630	274	40.27	91	7.113	278	63.30	159	51.361	292	14.31	66	27.910	278	57.45	109
17.7	18.904	250	39.36	55	7.391	253	64.89	144	51.653	266	13.65	22	28.188	256	56.36	77
27.6	19.154	220	38.81	17	7.644	226	66.33	124	51.919	236	13.43	21	28.444	228	55.59	43
Sept. 6.6	19.374	188	38.64	20	7.870	196	67.57	103	52.155	202	13.64	62	28.672	198	55.16	8
16.6	19.562	154	38.84	54	8.066	164	68.60	81	52.357	166	14.26	100	28.870	165	55.08	24
26.6	19.716	118	39.38	85	8.230	132	69.41	59	52.523	128	15.26	133	29.035	131	55.32	54
Okt. 6.5	19.834	83	40.23	111	8.362	100	70.00	38	52.651	90	16.59	160	29.166	99	55.86	80
16.5	19.917	49	41.34	131	8.462	69	70.38	17	52.741	53	18.19	180	29.265	66	56.66	101
26.5	19.966	17	42.65	145	8.531	39	70.55	1	52.794	17	19.99	192	29.331	35	57.67	117
Nov. 5.4	19.983	13	44.10	151	8.570	11	70.54	17	52.811	16	21.91	196	29.366	6	58.84	127
15.4	19.970	41	45.61	151	8.581	15	70.37	30	52.795	46	23.87	191	29.372	23	60.11	132
25.4	19.929	66	47.12	145	8.566	41	70.07	42	52.749	74	25.78	179	29.349	47	61.43	129
Dez. 5.4	19.863	88	48.57	134	8.525	64	69.65	51	52.675	99	27.57	160	29.302	72	62.72	123
15.3	19.775	108	49.91	116	8.461	85	69.14	58	52.576	120	29.17	135	29.230	92	63.95	112
25.3	19.667	124	51.07	95	8.376	103	68.56	64	52.456	137	30.52	107	29.138	111	65.07	97
35.3	19.543		52.02		8.273		67.92		52.319		31.59		29.027		66.04	
Mittl. Ort	15.509		68.40		3.666		43.71		48.287		44.23		24.725		83.07	
sec δ, tg δ	1.042		−0.294		1.012		+0.154		1.108		−0.476		1.018		−0.190	

*) Die jährliche Parallaxe (0.″31) ist bereits berücksichtigt.

Mittlere Zeit Greenw.	64) α Trianguli AR.		64) α Trianguli Dekl.		63) ε Cassiopeiae AR.		63) ε Cassiopeiae Dekl.	
1918	1h 48m		+29° 10′		1h 48m		+63° 15′	
Jan. 0.3	25.832	129	61.90	26	31.22	34	83.74	59
10.3	25.703	145	61.64	51	30.88	36	84.33	6
20.3	25.558	155	61.13	74	30.52	38	84.39	47
30.2	25.403	157	60.39	93	30.14	38	83.92	99
Feb. 9.2	25.246	150	59.46	110	29.76	35	82.93	147
19.2	25.096	134	58.36	122	29.41	31	81.46	187
März 1.1	24.962	109	57.14	127	29.10	26	79.59	220
11.1	24.853	76	55.87	127	28.84	19	77.39	244
21.1	24.777	35	54.60	121	28.65	10	74.95	257
31.1	24.742	12	53.39	108	28.55	2	72.38	260
Apr. 10.0	24.754	61	52.31	89	28.53	8	69.78	252
20.0	24.815	113	51.42	65	28.61	18	67.26	234
30.0	24.928	164	50.77	38	28.79	27	64.92	208
Mai 10.0	25.092	210	50.39	9	29.06	35	62.84	175
19.9	25.302	253	50.30	23	29.41	43	61.09	135
29.9	25.555	289	50.53	54	29.84	49	59.74	92
Juni 8.9	25.844	317	51.07	84	30.33	54	58.82	45
18.8	26.161	336	51.91	112	30.87	58	58.37	2
28.8	26.497	347	53.03	136	31.45	59	58.39	49
Juli 8.8	26.844	350	54.39	158	32.04	60	58.88	94
18.8	27.194	344	55.97	174	32.64	60	59.82	138
28.7	27.538	331	57.71	186	33.24	57	61.20	178
Aug. 7.7	27.869	312	59.57	193	33.81	54	62.98	213
17.7	28.181	286	61.50	196	34.35	50	65.11	243
27.6	28.467	257	63.46	195	34.85	45	67.54	269
Sept. 6.6	28.724	225	65.41	189	35.30	40	70.23	290
16.6	28.949	192	67.30	181	35.70	33	73.13	303
26.6	29.141	157	69.11	170	36.03	27	76.16	312
Okt. 6.5	29.298	123	70.81	155	36.30	20	79.28	314
16.5	29.421	88	72.36	139	36.50	13	82.42	308
26.5	29.509	55	73.75	122	36.63	7	85.50	298
Nov. 5.5	29.564	22	74.97	102	36.70	1	88.48	280
15.4	29.586	9	75.99	82	36.69	8	91.28	254
25.4	29.577	40	76.81	60	36.61	14	93.82	222
Dez. 5.4	29.537	70	77.41	37	36.47	21	96.04	184
15.3	29.467	96	77.78	12	36.26	26	97.88	140
25.3	29.371	120	77.90	13	36.00	32	99.28	90
35.3	29.251		77.77		35.68		100.18	
Mittl. Ort	24.138		47.52		28.74		60.92	
sec δ, tg δ	1.145		+0.558		2.223		+1.986	

Mittlere Zeit Greenw.	65) ξ Piscium AR.		65) ξ Piscium Dekl.		66) β Arietis AR.		66) β Arietis Dekl.	
1918	1h 49m		+2° 46′		1h 50m		+20° 24′	
Jan. 0.3	20.036	108	64.95	72	7.999	115	39.29	43
10.3	19.928	121	64.23	68	7.884	130	38.86	58
20.3	19.807	130	63.55	61	7.754	140	38.28	72
30.2	19.677	131	62.94	53	7.614	142	37.56	82
Feb. 9.2	19.546	126	62.41	42	7.472	137	36.74	90
19.2	19.420	114	61.99	29	7.335	123	35.84	93
März 1.1	19.306	93	61.70	13	7.212	100	34.91	92
11.1	19.213	66	61.57	5	7.112	70	33.99	85
21.1	19.147	32	61.62	24	7.042	33	33.14	74
31.1	19.115	7	61.86	47	7.009	10	32.40	58
Apr. 10.0	19.122	49	62.33	69	7.019	56	31.82	38
20.0	19.171	94	63.02	92	7.075	104	31.44	13
30.0	19.265	138	63.94	115	7.179	152	31.31	12
Mai 10.0	19.403	180	65.09	136	7.331	196	31.43	39
19.9	19.583	218	66.45	154	7.527	237	31.82	67
29.9	19.801	251	67.99	170	7.764	270	32.49	93
Juni 8.9	20.052	278	69.69	181	8.034	297	33.42	117
18.8	20.330	296	71.50	187	8.331	317	34.59	138
28.8	20.626	307	73.37	188	8.648	327	35.97	155
Juli 8.8	20.933	310	75.25	184	8.975	330	37.52	168
18.8	21.243	307	77.09	176	9.305	326	39.20	177
28.7	21.550	295	78.85	161	9.631	313	40.97	180
Aug. 7.7	21.845	278	80.46	144	9.944	295	42.77	179
17.7	22.123	255	81.90	123	10.239	271	44.56	174
27.6	22.378	229	83.13	98	10.510	244	46.30	165
Sept. 6.6	22.607	200	84.11	74	10.754	214	47.95	153
16.6	22.807	169	84.85	48	10.968	182	49.48	138
26.6	22.976	136	85.33	23	11.150	149	50.86	122
Okt. 6.5	23.112	106	85.56	1	11.299	117	52.08	105
16.5	23.218	74	85.55	21	11.416	84	53.13	87
26.5	23.292	45	85.34	38	11.500	54	54.00	69
Nov. 5.5	23.337	17	84.96	53	11.554	24	54.69	51
15.4	23.354	11	84.43	64	11.578	6	55.20	33
25.4	23.343	37	83.79	70	11.572	34	55.53	16
Dez. 5.4	23.306	60	83.09	75	11.538	60	55.69	2
15.3	23.246	82	82.34	77	11.478	86	55.67	19
25.3	23.164	101	81.57	75	11.392	107	55.48	35
35.3	23.063		80.82		11.285		55.13	
Mittl. Ort	18.515		59.26		6.370		27.73	
sec δ, tg δ	1.001		+0.049		1.067		+0.372	

Mittlere Zeit Greenw.	67) ψ Phoenicis AR.		67) ψ Phoenicis Dekl.		68) χ Eridani AR.		68) χ Eridani Dekl.	
1918	$1^h\ 50^m$		−46° 41′		$1^h\ 52^m$		−52° 0′	
Jan. 0.3	23.031	232	83.65	82	47.498	270	70.96	78
10.3	22.799	243	84.47	31	47.228	283	71.74	24
20.3	22.556	247	84.78	21	46.945	286	71.98	30
30.2	22.309	243	84.57	71	46.659	281	71.68	83
Feb. 9.2	22.066	230	83.86	118	46.378	266	70.85	134
19.2	21.836	209	82.68	164	46.112	241	69.51	180
März 1.1	21.627	178	81.04	205	45.871	209	67.71	222
11.1	21.449	141	78.99	241	45.662	166	65.49	259
21.1	21.308	96	76.58	272	45.496	117	62.90	290
31.1	21.212	45	73.86	297	45.379	61	60.00	315
Apr. 10.0	21.167	10	70.89	316	45.318	1	56.85	333
20.0	21.177	68	67.73	328	45.317	62	53.52	344
30.0	21.245	125	64.45	334	45.379	126	50.08	348
Mai 10.0	21.370	182	61.11	332	45.505	187	46.60	343
19.9	21.552	235	57.79	322	45.692	246	43.17	332
29.9	21.787	281	54.57	305	45.938	298	39.85	312
Juni 8.9	22.068	321	51.52	280	46.236	342	36.73	284
18.8	22.389	353	48.72	248	46.578	378	33.89	249
28.8	22.742	374	46.24	209	46.956	404	31.40	208
Juli 8.8	23.116	385	44.15	165	47.360	418	29.32	161
18.8	23.501	387	42.50	116	47.778	421	27.71	110
28.7	23.888	378	41.34	64	48.199	413	26.61	55
Aug. 7.7	24.266	359	40.70	10	48.612	393	26.06	1
17.7	24.625	330	40.60	44	49.005	363	26.07	58
27.6	24.955	295	41.04	97	49.368	324	26.65	112
Sept. 6.6	25.250	251	42.01	147	49.692	278	27.77	162
16.6	25.501	204	43.48	190	49.970	225	29.39	206
26.6	25.705	153	45.38	226	50.195	167	31.45	243
Okt. 6.5	25.858	100	47.64	254	50.362	109	33.88	270
16.5	25.958	48	50.18	271	50.471	49	36.58	287
26.5	26.006	3	52.89	278	50.520	10	39.45	292
Nov. 5.5	26.003	52	55.67	273	50.510	65	42.37	286
15.4	25.951	97	58.40	258	50.445	116	45.23	268
25.4	25.854	136	60.98	233	50.329	163	47.91	241
Dez. 5.4	25.718	171	63.31	200	50.166	202	50.32	205
15.3	25.547	201	65.31	160	49.964	235	52.37	161
25.3	25.346	223	66.91	113	49.729	260	53.98	112
35.3	25.123		68.04		49.469		55.10	
Mittl. Ort	21.561		74.73		45.990		60.99	
sec δ, tg δ	1.458		−1.061		1.625		−1.281	

Mittlere Zeit Greenw.	71) υ Ceti AR.		71) υ Ceti Dekl.		72) α Hydri AR.		72) α Hydri Dekl.	
1918	$1^h\ 56^m$		−21° 27′		$1^h\ 56^m$		−61° 57′	
Jan. 0.3	9.967	133	91.16	95	12.75	39	78.58	70
10.3	9.834	145	92.11	65	12.36	41	79.28	11
20.3	9.689	153	92.76	32	11.95	41	79.39	47
30.2	9.536	154	93.08	0	11.54	40	78.92	104
Feb. 9.2	9.382	149	93.08	32	11.14	38	77.88	156
19.2	9.233	136	92.76	65	10.76	35	76.32	205
März 1.1	9.097	116	92.11	97	10.41	30	74.27	248
11.1	8.981	88	91.14	128	10.11	24	71.79	285
21.1	8.893	54	89.86	156	9.87	19	68.94	316
31.1	8.839	14	88.30	182	9.68	11	65.78	340
Apr. 10.0	8.825	30	86.48	205	9.57	4	62.38	355
20.0	8.855	75	84.43	225	9.53	5	58.83	364
30.0	8.930	121	82.18	241	9.58	12	55.19	363
Mai 10.0	9.051	165	79.77	252	9.70	20	51.56	356
19.9	9.216	206	77.25	256	9.90	28	48.00	340
29.9	9.422	243	74.69	255	10.18	34	44.60	316
Juni 8.9	9.665	273	72.14	248	10.52	41	41.44	284
18.8	9.938	295	69.66	235	10.93	45	38.60	245
28.8	10.233	310	67.31	214	11.38	48	36.15	200
Juli 8.8	10.543	317	65.17	189	11.86	51	34.15	149
18.8	10.860	316	63.28	158	12.37	52	32.66	93
28.7	11.176	307	61.70	122	12.89	51	31.73	36
Aug. 7.7	11.483	291	60.48	83	13.40	49	31.37	24
17.7	11.774	269	59.65	43	13.89	46	31.61	82
27.6	12.043	242	59.22	1	14.35	40	32.43	138
Sept. 6.6	12.285	210	59.21	40	14.75	35	33.81	190
16.6	12.495	177	59.61	78	15.10	28	35.71	235
26.6	12.672	141	60.39	111	15.38	20	38.06	270
Okt. 6.5	12.813	105	61.50	140	15.58	12	40.76	296
16.5	12.918	70	62.90	162	15.70	5	43.72	311
26.5	12.988	36	64.52	177	15.75	4	46.83	314
Nov. 5.5	13.024	3	66.29	183	15.71	11	49.97	304
15.4	13.027	27	68.12	182	15.60	19	53.01	283
25.4	13.000	56	69.94	174	15.41	25	55.84	251
Dez. 5.4	12.944	81	71.68	159	15.16	30	58.35	210
15.3	12.863	105	73.27	139	14.86	35	60.45	161
25.3	12.758	125	74.66	114	14.51	38	62.06	106
35.3	12.633		75.80		14.13		63.12	
Mittl. Ort	8.480		88.88		11.13		67.02	
sec δ, tg δ	1.075		−0.393		2.128		−1.878	

Mittlere Zeit Greenw.	70) 50 Cassiopeiae AR.		70) 50 Cassiopeiae Dekl.		73) γ Andromedae AR.		73) γ Andromedae Dekl.		74) α Arietis AR.		74) α Arietis Dekl.		75) β Trianguli AR.		75) β Trianguli Dekl.	
1918	$1^h 56^m$ s		+72° 1′ ″		$1^h 58^m$ s		+41° 56′ ″		$2^h 2^m$ s		+23° 4′ ″		$2^h 4^m$ s		+34° 36′ ″	
Jan. 0.3	27.44	52	54.91	93	53.468	161	30.14	12	34.524	114	43.16	33	41.380	135	15.59	3
10.3	26.92	57	55.84	35	53.307	182	30.26	24	34.410	133	42.83	50	41.245	155	15.56	32
20.3	26.35	60	56.19	24	53.125	196	30.02	59	34.277	144	42.33	66	41.090	170	15.24	60
30.2	25.75	59	55.95	81	52.929	199	29.43	93	34.133	149	41.67	80	40.920	175	14.64	86
Feb. 9.2	25.16	55	55.14	136	52.730	193	28.50	122	33.984	146	40.87	90	40.745	170	13.78	108
19.2	24.61	50	53.78	183	52.537	174	27.28	147	33.838	134	39.97	97	40.575	156	12.70	126
März 1.2	24.11	43	51.95	224	52.363	146	25.81	164	33.704	112	39.00	98	40.419	132	11.44	138
11.1	23.68	32	49.71	254	52.217	107	24.17	175	33.592	83	38.02	95	40.287	98	10.06	144
21.1	23.36	19	47.17	274	52.110	58	22.42	177	33.509	45	37.07	87	40.189	56	8.62	143
31.1	23.17	7	44.43	283	52.052	5	20.65	172	33.464	3	36.20	73	40.133	8	7.19	135
Apr. 10.0	23.10	7	41.60	280	52.047	55	18.93	159	33.461	45	35.47	55	40.125	46	5.84	120
20.0	23.17	21	38.80	267	52.102	114	17.34	139	33.506	94	34.92	33	40.171	100	4.64	100
30.0	23.38	34	36.13	244	52.216	173	15.95	113	33.600	142	34.59	8	40.271	154	3.64	75
Mai 10.0	23.72	46	33.69	213	52.389	229	14.82	81	33.742	189	34.51	19	40.425	206	2.89	45
19.9	24.18	57	31.56	175	52.618	278	14.01	48	33.931	231	34.70	47	40.631	252	2.44	15
29.9	24.75	66	29.81	132	52.896	321	13.53	12	34.162	266	35.17	74	40.883	291	2.29	18
Juni 8.9	25.41	73	28.49	85	53.217	354	13.41	25	34.428	296	35.91	99	41.174	324	2.47	50
18.9	26.14	79	27.64	35	53.571	379	13.66	61	34.724	317	36.90	121	41.498	347	2.97	82
28.8	26.93	82	27.29	15	53.950	392	14.27	95	35.041	330	38.11	141	41.845	361	3.79	109
Juli 8.8	27.75	84	27.44	64	54.342	398	15.22	126	35.371	336	39.52	157	42.206	367	4.88	135
18.8	28.59	83	28.08	112	54.740	394	16.48	155	35.707	332	41.09	168	42.573	364	6.23	157
28.7	29.42	80	29.20	157	55.134	381	18.03	178	36.039	322	42.77	174	42.937	354	7.80	174
Aug. 7.7	30.22	77	30.77	198	55.515	361	19.81	197	36.361	305	44.51	176	43.291	336	9.54	187
17.7	30.99	72	32.75	235	55.876	335	21.78	213	36.666	284	46.27	174	43.627	312	11.41	196
27.7	31.71	65	35.10	268	56.211	304	23.91	223	36.950	257	48.01	167	43.939	284	13.37	200
Sept. 6.6	32.36	57	37.78	294	56.515	270	26.14	228	37.207	228	49.68	159	44.223	253	15.37	201
16.6	32.93	49	40.72	314	56.785	232	28.42	229	37.435	198	51.27	146	44.476	220	17.38	196
26.6	33.42	39	43.86	328	57.017	193	30.71	227	37.633	165	52.73	132	44.696	185	19.34	190
Okt. 6.6	33.81	30	47.14	336	57.210	154	32.98	220	37.798	133	54.05	117	44.881	149	21.24	180
16.5	34.11	20	50.50	337	57.364	114	35.18	209	37.931	100	55.22	100	45.030	114	23.04	168
26.5	34.31	9	53.87	330	57.478	73	37.27	195	38.031	69	56.22	84	45.144	77	24.72	152
Nov. 5.5	34.40	2	57.17	315	57.551	34	39.22	176	38.100	38	57.06	66	45.221	42	26.24	135
15.4	34.38	12	60.32	292	57.585	6	40.98	154	38.138	6	57.72	48	45.263	6	27.59	114
25.4	34.26	23	63.24	261	57.579	44	42.52	128	38.144	23	58.20	31	45.269	28	28.73	92
Dez. 5.4	34.03	32	65.85	223	57.535	82	43.80	99	38.121	52	58.51	12	45.241	62	29.65	68
15.4	33.71	42	68.08	177	57.453	117	44.79	68	38.069	80	58.63	5	45.179	94	30.33	41
25.3	33.29	49	69.85	126	57.336	148	45.47	32	37.989	104	58.58	24	45.085	123	30.74	13
35.3	32.80		71.11		57.188		45.79		37.885		58.34		44.962		30.87	
Mittl. Ort	24.09		31.12		51.516		12.45		32.789		31.09		39.497		0.13	
sec δ, tg δ	3.241		+3.082		1.344		+0.898		1.087		+0.426		1.215		+0.690	

Mittlere Zeit Greenw.	76) 55 Cassiopeiae AR.		Dekl.		78) Lac. μ Fornacis AR.		Dekl.		80) 67 Ceti AR.		Dekl.		85) ξ² Ceti AR.		Dekl.	
1918	2h 8m		+66° 8′		2h 9m		−31° 5′		2h 12m		−6° 47′		2h 23m		+8° 5′	
Jan. 0.3	4.63	36	49.74	90	19.399	155	94.14	108	55.139	107	56.11	91	49.552	98	42.01	63
10.3	4.27	41	50.64	36	19.244	171	95.22	68	55.032	125	57.02	75	49.454	118	41.38	63
20.3	3.86	43	51.00	19	19.073	180	95.90	28	54.907	136	57.77	57	49.336	133	40.75	62
30.2	3.43	43	50.81	73	18.893	183	96.18	13	54.771	142	58.34	38	49.203	141	40.13	59
Feb. 9.2	3.00	42	50.08	124	18.710	178	96.05	54	54.629	140	58.72	18	49.062	142	39.54	53
19.2	2.58	38	48.84	169	18.532	166	95.51	93	54.489	131	58.90	4	48.920	134	39.01	46
März 1.2	2.20	33	47.15	207	18.366	146	94.58	130	54.358	114	58.86	26	48.786	119	38.55	36
11.1	1.87	25	45.08	236	18.220	117	93.28	165	54.244	89	58.60	50	48.667	94	38.19	22
21.1	1.62	16	42.72	256	18.103	82	91.63	198	54.155	58	58.10	73	48.573	62	37.97	6
31.1	1.46	7	40.16	264	18.021	40	89.65	225	54.097	21	57.37	98	48.511	25	37.91	11
Apr. 10.0	1.39	4	37.52	262	17.981	5	87.40	249	54.076	22	56.39	121	48.486	18	38.02	32
20.0	1.43	15	34.90	250	17.986	54	84.91	268	54.098	66	55.18	143	48.504	64	38.34	53
30.0	1.58	25	32.40	229	18.040	103	82.23	281	54.164	110	53.75	163	48.568	109	38.87	76
Mai 10.0	1.83	34	30.11	200	18.143	151	79.42	289	54.274	154	52.12	181	48.677	153	39.63	97
19.9	2.17	44	28.11	163	18.294	197	76.53	290	54.428	194	50.31	194	48.830	195	40.60	118
29.9	2.61	51	26.48	123	18.491	237	73.63	284	54.622	230	48.37	204	49.025	232	41.78	136
Juni 8.9	3.12	57	25.25	79	18.728	271	70.79	271	54.852	260	46.33	208	49.257	262	43.14	150
18.9	3.69	62	24.46	32	18.999	299	68.08	251	55.112	282	44.25	207	49.519	285	44.64	161
28.8	4.31	65	24.14	16	19.298	319	65.57	225	55.394	298	42.18	200	49.804	302	46.25	168
Juli 8.8	4.96	65	24.30	61	19.617	329	63.32	192	55.692	306	40.18	188	50.106	310	47.93	170
18.8	5.61	66	24.91	106	19.946	331	61.40	154	55.998	305	38.30	171	50.416	311	49.63	166
28.7	6.27	65	25.97	149	20.277	326	59.86	111	56.303	299	36.59	148	50.727	305	51.29	159
Aug. 7.7	6.92	61	27.46	187	20.603	311	58.75	66	56.602	286	35.11	122	51.032	293	52.88	146
17.7	7.53	58	29.33	221	20.914	291	58.09	18	56.888	267	33.89	92	51.325	275	54.34	130
27.7	8.11	53	31.54	250	21.205	264	57.91	30	57.155	243	32.97	61	51.600	254	55.64	112
Sept. 6.6	8.64	48	34.04	275	21.469	232	58.21	76	57.398	216	32.36	28	51.854	228	56.76	90
16.6	9.12	41	36.79	294	21.701	196	58.97	119	57.614	187	32.08	4	52.082	201	57.66	68
26.6	9.53	34	39.73	307	21.897	159	60.16	157	57.801	156	32.12	33	52.283	172	58.34	46
Okt. 6.6	9.87	27	42.80	314	22.056	119	61.73	188	57.957	125	32.45	61	52.455	143	58.80	24
16.5	10.14	20	45.94	314	22.175	80	63.61	211	58.082	94	33.06	83	52.598	112	59.04	4
26.5	10.34	11	49.08	307	22.255	42	65.72	225	58.176	63	33.89	101	52.710	82	59.08	13
Nov. 5.5	10.45	4	52.15	294	22.297	4	67.97	230	58.239	33	34.90	113	52.792	53	58.95	28
15.4	10.49	5	55.09	274	22.301	32	70.27	227	58.272	4	36.03	120	52.845	24	58.67	40
25.4	10.44	13	57.83	245	22.269	65	72.54	213	58.276	24	37.23	122	52.869	6	58.27	50
Dez. 5.4	10.31	20	60.28	210	22.204	95	74.67	192	58.252	51	38.45	119	52.863	34	57.77	57
15.4	10.11	28	62.38	168	22.109	122	76.59	164	58.201	76	39.64	111	52.829	62	57.20	61
25.3	9.83	33	64.06	120	21.987	145	78.23	132	58.125	99	40.75	100	52.767	87	56.59	64
35.3	9.50		65.26		21.842		79.55		58.026		41.75		52.680		55.95	
Mittl. Ort	1.64		27.33		17.848		89.08		53.528		58.28		47.807		35.29	
sec δ, tg δ	2.472		+2.261		1.168		−0.603		1.007		−0.119		1.010		+0.142	

Mittlere Zeit Greenw.	87) 36 H. Cassiopeiae AR.		Dekl.		90) μ Hydri AR.		Dekl.		89) ν Arietis AR.		Dekl.		91) δ Ceti AR.		Dekl.	
1918	$2^h 30^m$		+72° 27′		$2^h 33^m$		−79° 27′		$2^h 34^m$		+21° 36′		$2^h 35^m$		−0° 1′	
Jan. 0.3	16.42	49	60.80	133	25.70	118	74.61	94	11.285	100	37.66	26	18.414	96	24.65	83
10.3	15.93	56	62.13	79	24.52	123	75.55	33	11.185	124	37.40	39	18.318	117	25.48	75
20.3	15.37	60	62.92	21	23.29	126	75.88	27	11.061	142	37.01	53	18.201	133	26.23	63
30.3	14.77	61	63.13	37	22.03	125	75.61	86	10.919	153	36.48	64	18.068	143	26.86	51
Feb. 9.2	14.16	61	62.76	93	20.78	121	74.75	143	10.766	156	35.84	73	17.925	146	27.37	37
19.2	13.55	56	61.83	146	19.57	114	73.32	194	10.610	150	35.11	79	17.779	140	27.74	22
März 1.2	12.99	51	60.37	191	18.43	104	71.38	239	10.460	133	34.32	82	17.639	127	27.96	4
11.1	12.48	41	58.46	228	17.39	92	68.99	280	10.327	108	33.50	81	17.512	104	28.00	14
21.1	12.07	29	56.18	256	16.47	77	66.19	312	10.219	75	32.69	74	17.408	74	27.86	34
31.1	11.78	17	53.62	272	15.70	60	63.07	338	10.144	34	31.95	63	17.334	38	27.52	56
Apr. 10.1	11.61	4	50.90	279	15.10	43	59.69	356	10.110	11	31.32	49	17.296	4	26.96	77
20.0	11.57	11	48.11	275	14.67	23	56.13	366	10.121	60	30.83	29	17.300	47	26.19	100
30.0	11.68	25	45.36	260	14.44	4	52.47	367	10.181	110	30.54	8	17.347	93	25.19	120
Mai 10.0	11.93	38	42.76	237	14.40	15	48.80	361	10.291	157	30.46	15	17.440	137	23.99	140
20.0	12.31	51	40.39	205	14.55	35	45.19	347	10.448	201	30.61	40	17.577	179	22.59	157
29.9	12.82	61	38.34	168	14.90	54	41.72	324	10.649	240	31.01	65	17.756	216	21.02	170
Juni 8.9	13.43	69	36.66	126	15.44	70	38.48	293	10.889	274	31.66	86	17.972	248	19.32	180
18.9	14.12	77	35.40	81	16.14	85	35.55	255	11.163	300	32.52	107	18.220	274	17.52	185
28.8	14.89	82	34.59	33	16.99	97	33.00	211	11.463	317	33.59	125	18.494	291	15.67	184
Juli 8.8	15.71	85	34.26	15	17.96	107	30.89	160	11.780	327	34.84	139	18.785	302	13.83	180
18.8	16.56	87	34.41	63	19.03	114	29.29	104	12.107	330	36.23	149	19.087	305	12.03	168
28.8	17.43	86	35.04	108	20.17	117	28.25	45	12.437	325	37.72	154	19.392	302	10.35	153
Aug. 7.7	18.29	83	36.12	151	21.34	116	27.80	16	12.762	314	39.26	156	19.694	291	8.82	133
17.7	19.12	79	37.63	191	22.50	112	27.96	76	13.076	297	40.82	153	19.985	276	7.49	110
27.7	19.91	74	39.54	226	23.62	104	28.72	135	13.373	276	42.35	146	20.261	256	6.39	84
Sept. 6.7	20.65	68	41.80	258	24.66	92	30.07	189	13.649	250	43.81	138	20.517	232	5.55	55
16.6	21.33	60	44.38	283	25.58	77	31.96	238	13.899	224	45.19	125	20.749	206	5.00	28
26.6	21.93	51	47.21	303	26.35	60	34.34	278	14.123	195	46.44	112	20.955	178	4.72	0
Okt. 6.6	22.44	42	50.24	318	26.95	39	37.12	309	14.318	165	47.56	98	21.133	148	4.72	24
16.5	22.86	32	53.42	325	27.34	18	40.21	327	14.483	134	48.54	83	21.281	120	4.96	47
26.5	23.18	22	56.67	326	27.52	5	43.48	333	14.617	102	49.37	68	21.401	89	5.43	66
Nov. 5.5	23.40	10	59.93	318	27.47	26	46.81	326	14.719	71	50.05	54	21.490	59	6.09	80
15.5	23.50	2	63.11	304	27.21	48	50.07	308	14.790	39	50.59	38	21.549	29	6.89	89
25.4	23.48	13	66.15	280	26.73	68	53.15	278	14.829	6	50.97	24	21.578	0	7.78	95
Dez. 5.4	23.35	24	68.95	249	26.05	85	55.93	236	14.835	26	51.21	10	21.578	30	8.73	96
15.4	23.11	35	71.44	210	25.20	100	58.29	187	14.809	57	51.31	4	21.548	57	9.69	94
25.4	22.76	44	73.54	163	24.20	111	60.16	132	14.752	87	51.27	18	21.491	84	10.63	89
35.3	22.32		75.17		23.09		61.48		14.665		51.09		21.407		11.52	
Mittl. Ort	12.22		38.75		22.59		62.21		9.362		27.08		16.656		28.57	
sec δ, tg δ	3.318		+3.164		5.471		−5.378		1.076		+0.396		1.000		0.000	

Mittlere Zeit Greenw.	93) ϑ Persei AR.		93) ϑ Persei Dekl.		97) π Ceti AR.		97) π Ceti Dekl.		98) μ Ceti AR.		98) μ Ceti Dekl.		100) 41 Arietis AR.		100) 41 Arietis Dekl.	
1918	$2^h\,38^m$		$+48°\,52'$		$2^h\,40^m$		$-14°\,11'$		$2^h\,40^m$		$+9°\,46'$		$2^h\,45^m$		$+26°\,55'$	
Jan. 0.3	$37^s.898$	166	$74''.36$	66	$14^s.879$	107	$79''.70$	113	$32^s.246$	91	$13''.76$	59	$11^s.215$	100	$35''.54$	5
10.3	37.732	201	75.02	26	14.772	129	80.83	90	32.155	114	13.17	60	11.115	128	35.49	24
20.3	37.531	226	75.28	13	14.643	146	81.73	65	32.041	132	12.57	60	10.987	149	35.25	41
30.3	37.305	241	75.15	53	14.497	156	82.38	37	31.909	144	11.97	58	10.838	162	34.84	59
Feb. 9.2	37.064	243	74.62	91	14.341	158	82.75	9	31.765	147	11.39	54	10.676	168	34.25	74
19.2	36.821	232	73.71	124	14.183	153	82.84	19	31.618	143	10.85	48	10.508	162	33.51	86
März 1.2	36.589	208	72.47	153	14.030	140	82.65	47	31.475	129	10.37	41	10.346	147	32.65	95
11.1	36.381	169	70.94	174	13.890	118	82.18	76	31.346	107	9.96	29	10.199	122	31.70	98
21.1	36.212	121	69.20	188	13.772	88	81.42	104	31.239	76	9.67	15	10.077	88	30.72	97
31.1	36.091	63	67.32	194	13.684	52	80.38	130	31.163	39	9.52	1	9.989	47	29.75	90
Apr. 10.1	36.028	1	65.38	191	13.632	11	79.08	155	31.124	3	9.53	20	9.942	1	28.85	79
20.0	36.029	69	63.47	181	13.621	33	77.53	178	31.127	49	9.73	40	9.943	51	28.06	62
30.0	36.098	137	61.66	163	13.654	79	75.75	197	31.176	95	10.13	61	9.994	103	27.44	43
Mai 10.0	36.235	202	60.03	138	13.733	125	73.78	213	31.271	140	10.74	83	10.097	152	27.01	20
20.0	36.437	262	58.65	110	13.858	167	71.65	225	31.411	183	11.57	103	10.249	200	26.81	5
29.9	36.699	316	57.55	77	14.025	206	69.40	231	31.594	220	12.60	121	10.449	241	26.86	31
Juni 8.9	37.015	361	56.78	41	14.231	240	67.09	232	31.814	254	13.81	137	10.690	277	27.17	55
18.9	37.376	396	56.37	5	14.471	267	64.77	226	32.068	279	15.18	149	10.967	305	27.72	78
28.8	37.772	421	56.32	31	14.738	287	62.51	215	32.347	297	16.67	157	11.272	325	28.50	100
Juli 8.8	38.193	437	56.63	66	15.025	301	60.36	197	32.644	309	18.24	160	11.597	337	29.50	118
18.8	38.630	441	57.29	99	15.326	305	58.39	175	32.953	312	19.84	159	11.934	342	30.68	133
28.8	39.071	437	58.28	129	15.631	304	56.64	145	33.265	309	21.43	153	12.276	338	32.01	143
Aug. 7.7	39.508	424	59.57	156	15.935	295	55.19	113	33.574	299	22.96	143	12.614	329	33.44	151
17.7	39.932	404	61.13	179	16.230	280	54.06	78	33.873	284	24.39	129	12.943	313	34.95	153
27.7	40.336	378	62.92	198	16.510	261	53.28	39	34.157	264	25.68	112	13.256	293	36.48	152
Sept. 6.7	40.714	346	64.90	212	16.771	237	52.89	0	34.421	242	26.80	92	13.549	269	38.00	148
16.6	41.060	311	67.02	223	17.008	209	52.89	37	34.663	216	27.72	71	13.818	243	39.48	141
26.6	41.371	272	69.25	230	17.217	181	53.26	71	34.879	188	28.43	50	14.061	214	40.89	133
Okt. 6.6	41.643	231	71.55	231	17.398	149	53.97	103	35.067	160	28.93	29	14.275	183	42.22	122
16.5	41.874	187	73.86	230	17.547	118	55.00	129	35.227	131	29.22	10	14.458	152	43.44	109
26.5	42.061	142	76.16	222	17.665	86	56.29	148	35.358	102	29.32	7	14.610	120	44.53	97
Nov. 5.5	42.203	95	78.38	212	17.751	54	57.77	161	35.460	71	29.25	21	14.730	87	45.50	84
15.5	42.298	47	80.50	196	17.805	22	59.38	167	35.531	40	29.04	34	14.817	52	46.34	69
25.4	42.345	3	82.46	176	17.827	9	61.05	166	35.571	10	28.70	43	14.869	18	47.03	55
Dez. 5.4	42.342	52	84.22	151	17.818	40	62.71	158	35.581	20	28.27	50	14.887	18	47.58	39
15.4	42.290	101	85.73	120	17.778	69	64.29	146	35.561	50	27.77	56	14.869	52	47.97	22
25.4	42.189	145	86.93	87	17.709	95	65.75	127	35.511	78	27.21	59	14.817	85	48.19	4
35.3	42.044		87.80		17.614		67.02		35.433		26.62		14.732		48.23	
Mittl. Ort	35.403		56.82		13.154		79.28		30.397		6.96		9.155		23.87	
sec δ, tg δ	1.521		+1.146		1.032		−0.253		1.015		+0.172		1.122		+0.508	

Mittlere Zeit Greenw.	101) β Fornacis AR.		101) β Fornacis Dekl.		102) τ² Eridani AR.		102) τ² Eridani Dekl.		103) τ Persei AR.		103) τ Persei Dekl.		104) η Eridani AR.		104) η Eridani Dekl.	
1918	2h 45m		−32° 44′		2h 47m		−21° 20′		2h 48m		+52° 25′		2h 52m		−9° 13′	
	s		″		s		″		s		″		s		″	
Jan. 0.3	41.234	150	64.50	141	20.864	118	32.11	129	28.743	178	57.87	86	27.024	97	25.07	110
10.3	41.084	173	65.91	100	20.746	141	33.40	99	28.565	218	58.73	46	26.927	119	26.17	91
20.3	40.911	189	66.91	59	20.605	158	34.39	67	28.347	248	59.19	3	26.808	139	27.08	71
30.3	40.722	200	67.50	16	20.447	169	35.06	33	28.099	267	59.22	40	26.669	152	27.79	48
Feb. 9.2	40.522	202	67.66	28	20.278	172	35.39	1	27.832	271	58.82	80	26.517	156	28.27	24
19.2	40.320	195	67.38	70	20.106	168	35.38	36	27.561	262	58.02	118	26.361	153	28.51	0
März 1.2	40.125	180	66.68	110	19.938	155	35.02	70	27.299	237	56.84	150	26.208	142	28.51	24
11.2	39.945	156	65.58	149	19.783	134	34.32	103	27.062	198	55.34	176	26.066	122	28.27	50
21.1	39.789	124	64.09	184	19.649	103	33.29	133	26.864	146	53.58	194	25.944	94	27.77	75
31.1	39.665	84	62.25	215	19.546	67	31.96	163	26.718	86	51.64	204	25.850	59	27.02	101
Apr. 10.1	39.581	40	60.10	243	19.479	26	30.33	189	26.632	18	49.60	205	25.791	19	26.01	124
20.0	39.541	9	57.67	265	19.453	20	28.44	213	26.614	55	47.55	198	25.772	25	24.77	147
30.0	39.550	60	55.02	282	19.473	67	26.31	231	26.669	127	45.57	182	25.797	71	23.30	167
Mai 10.0	39.610	110	52.20	293	19.540	113	24.00	246	26.796	198	43.75	161	25.868	115	21.63	185
20.0	39.720	158	49.27	298	19.653	158	21.54	254	26.994	265	42.14	133	25.983	159	19.78	199
29.9	39.878	204	46.29	295	19.811	200	19.00	258	27.259	323	40.81	101	26.142	198	17.79	208
Juni 8.9	40.082	243	43.34	285	20.011	235	16.42	255	27.582	373	39.80	66	26.340	232	15.71	213
18.9	40.325	276	40.49	268	20.246	264	13.87	245	27.955	412	39.14	29	26.572	260	13.58	211
28.9	40.601	301	37.81	243	20.510	287	11.42	228	28.367	442	38.85	8	26.832	281	11.47	204
Juli 8.8	40.902	320	35.38	213	20.797	303	9.14	206	28.809	461	38.93	44	27.113	295	9.43	191
18.8	41.222	329	33.25	175	21.100	310	7.08	177	29.270	469	39.37	80	27.408	302	7.52	173
28.8	41.551	330	31.50	132	21.410	310	5.31	143	29.739	467	40.17	113	27.710	302	5.79	150
Aug. 7.7	41.881	323	30.18	86	21.720	303	3.88	104	30.206	456	41.30	143	28.012	294	4.29	121
17.7	42.204	309	29.32	36	22.023	289	2.84	63	30.662	437	42.73	169	28.306	282	3.08	89
27.7	42.513	289	28.96	15	22.312	270	2.21	19	31.099	411	44.42	191	28.588	264	2.19	56
Sept. 6.7	42.802	262	29.11	64	22.582	246	2.02	24	31.510	380	46.33	210	28.852	243	1.63	20
16.6	43.064	231	29.75	112	22.828	219	2.26	66	31.890	344	48.43	224	29.095	218	1.43	15
26.6	43.295	197	30.87	154	23.047	189	2.92	105	32.234	304	50.67	234	29.313	190	1.58	48
Okt. 6.6	43.492	159	32.41	191	23.236	156	3.97	139	32.538	261	53.01	240	29.503	162	2.06	78
16.6	43.651	121	34.32	219	23.392	123	5.36	167	32.799	214	55.41	241	29.665	131	2.84	103
26.5	43.772	82	36.51	239	23.515	89	7.03	187	33.013	166	57.82	237	29.796	101	3.87	123
Nov. 5.5	43.854	42	38.90	250	23.604	56	8.90	199	33.179	114	60.19	229	29.897	71	5.10	138
15.5	43.896	3	41.40	250	23.660	21	10.89	204	33.293	60	62.48	215	29.968	38	6.48	146
25.4	43.899	34	43.90	241	23.681	13	12.93	200	33.353	6	64.63	197	30.006	7	7.94	148
Dez. 5.4	43.865	71	46.31	222	23.668	45	14.93	189	33.359	49	66.60	172	30.013	24	9.42	143
15.4	43.794	105	48.53	197	23.623	76	16.82	171	33.310	103	68.32	142	29.989	54	10.85	135
25.4	43.689	135	50.50	164	23.547	105	18.53	147	33.207	154	69.74	108	29.935	83	12.20	121
35.3	43.554		52.14		23.442		20.00		33.053		70.82		29.852		13.41	
Mittl. Ort	39.492		59.12		19.118		29.65		26.016		40.15		25.224		25.95	
sec δ, tg δ	1.189		−0.643		1.074		−0.391		1.640		+1.300		1.013		−0.162	

Mittlere Zeit Greenw.	105) 47 H. Cephei AR.		105) Dekl.		106) ϑ Eridani AR.		106) Dekl.		107) α Ceti AR.		107) Dekl.		108) γ Persei AR.		108) Dekl.	
1918	$2^h\ 55^m$		+79° 5′		$2^h\ 55^m$		−40° 37′		$2^h\ 57^m$		+3° 46′		$2^h\ 58^m$		+53° 11′	
	s		″		s		″		s		″		s		″	
Jan. 0.3	14.33	76	68.51	180	10.840	179	64.67	155	61.340	85	12.00	77	53.685	173	27.86	97
10.3	13.57	89	70.31	125	10.661	204	66.22	111	61.255	110	11.23	71	53.512	216	28.83	58
20.3	12.68	98	71.56	67	10.457	224	67.33	62	61.145	130	10.52	64	53.296	250	29.41	15
30.3	11.70	103	72.23	6	10.233	236	67.95	14	61.015	144	9.88	55	53.046	272	29.56	27
Feb. 9.2	10.67	103	72.29	55	9.997	239	68.09	34	60.871	152	9.33	45	52.774	280	29.29	69
19.2	9.64	99	71.74	112	9.758	233	67.75	82	60.719	150	8.88	33	52.494	273	28.60	108
März 1.2	8.65	90	70.62	165	9.525	217	66.93	126	60.569	139	8.55	19	52.221	250	27.52	142
11.2	7.75	76	68.97	211	9.308	192	65.67	169	60.430	119	8.36	5	51.971	214	26.10	170
21.1	6.99	61	66.86	247	9.116	157	63.98	206	60.311	91	8.31	13	51.757	163	24.40	190
31.1	6.38	41	64.39	273	8.959	115	61.92	240	60.220	57	8.44	32	51.594	102	22.50	202
Apr. 10.1	5.97	21	61.66	289	8.844	68	59.52	268	60.163	16	8.76	51	51.492	34	20.48	206
20.0	5.76	1	58.77	293	8.776	16	56.84	292	60.147	28	9.27	72	51.458	38	18.42	201
30.0	5.77	24	55.84	287	8.760	39	53.92	308	60.175	73	9.99	93	51.496	113	16.41	188
Mai 10.0	6.01	45	52.97	271	8.799	94	50.84	318	60.248	119	10.92	113	51.609	186	14.53	169
20.0	6.46	64	50.26	246	8.893	147	47.66	320	60.367	162	12.05	130	51.795	253	12.84	144
29.9	7.10	83	47.80	213	9.040	197	44.46	316	60.529	201	13.35	145	52.048	315	11.40	112
Juni 8.9	7.93	98	45.67	175	9.237	242	41.30	303	60.730	235	14.80	158	52.363	368	10.28	79
18.9	8.91	111	43.92	132	9.479	281	38.27	282	60.965	263	16.38	165	52.731	410	9.49	44
28.9	10.02	121	42.60	86	9.760	311	35.45	254	61.228	283	18.03	169	53.141	442	9.05	6
Juli 8.8	11.23	129	41.74	38	10.071	334	32.91	219	61.511	298	19.72	167	53.583	464	8.99	30
18.8	12.52	133	41.36	11	10.405	348	30.72	178	61.809	304	21.39	160	54.047	474	9.29	65
28.8	13.85	134	41.47	60	10.753	352	28.94	130	62.113	304	22.99	149	54.521	476	9.94	99
Aug. 7.7	15.19	132	42.07	106	11.105	348	27.64	78	62.417	297	24.48	133	54.997	467	10.93	129
17.7	16.51	129	43.13	151	11.453	336	26.86	25	62.714	285	25.81	113	55.464	451	12.22	156
27.7	17.80	122	44.64	192	11.789	315	26.61	30	62.999	268	26.94	91	55.915	427	13.78	180
Sept. 6.7	19.02	114	46.56	229	12.104	288	26.91	84	63.267	248	27.85	66	56.342	397	15.58	200
16.6	20.16	103	48.85	263	12.392	255	27.75	135	63.515	224	28.51	40	56.739	362	17.58	216
26.6	21.19	91	51.48	290	12.647	218	29.10	181	63.739	198	28.91	15	57.101	324	19.74	228
Okt. 6.6	22.10	77	54.38	312	12.865	178	30.91	220	63.937	172	29.06	8	57.425	281	22.02	235
16.6	22.87	61	57.50	328	13.043	133	33.11	251	64.109	144	28.98	30	57.706	235	24.37	238
26.5	23.48	43	60.78	336	13.176	89	35.62	271	64.253	114	28.68	48	57.941	185	26.75	237
Nov. 5.5	23.91	26	64.14	336	13.265	43	38.33	281	64.367	84	28.20	63	58.126	133	29.12	230
15.5	24.17	6	67.50	329	13.308	1	41.14	281	64.451	54	27.57	73	58.259	78	31.42	219
25.4	24.23	13	70.79	313	13.307	45	43.95	270	64.505	22	26.84	81	58.337	22	33.61	202
Dez. 5.4	24.10	33	73.92	286	13.262	88	46.65	249	64.527	9	26.03	83	58.359	36	35.63	180
15.4	23.77	51	76.78	252	13.174	126	49.14	219	64.518	41	25.20	83	58.323	92	37.43	152
25.4	23.26	68	79.30	210	13.048	161	51.33	182	64.477	70	24.37	81	58.231	147	38.95	118
35.3	22.58		81.40		12.887		53.15		64.407		23.56		58.084		40.13	
Mittl. Ort	7.39		47.46		9.024		57.60		59.445		7.46		50.820		10.64	
sec δ, tg δ	5.287		+5.191		1.318		−0.858		1.002		+0.066		1.669		+1.336	

Mittlere Zeit Greenw.	109) ρ Persei AR.		109) ρ Persei Dekl.		110) μ Horologii AR.		110) μ Horologii Dekl.		111) β Persei AR.		111) β Persei Dekl.		114) δ Arietis AR.		114) δ Arietis Dekl.	
1918	2h 59m		+38° 31′		3h 1m		−60° 2′		3h 2m		+40° 38′		3h 6m		+19° 25′	
	s		″		s		″		s		″		s		″	
Jan. 0.4	57.314	112	38.36	43	42.77	33	90.06	161	52.069	116	40.68	53	58.280	81	11.38	25
10.3	57.202	147	38.79	16	42.44	38	91.67	107	51.953	153	41.21	24	58.199	110	11.13	34
20.3	57.055	174	38.95	14	42.06	40	92.74	50	51.800	181	41.45	7	58.089	135	10.79	43
30.3	56.881	193	38.81	42	41.66	42	93.24	8	51.619	201	41.38	37	57.954	152	10.36	51
Feb. 9.2	56.688	201	38.39	70	41.24	41	93.16	64	51.418	209	41.01	67	57.802	160	9.85	58
19.2	56.487	197	37.69	94	40.83	40	92.52	118	51.209	206	40.34	94	57.642	160	9.27	63
März 1.2	56.290	182	36.75	115	40.43	38	91.34	169	51.003	191	39.40	117	57.482	150	8.64	64
11.2	56.108	155	35.60	130	40.05	34	89.65	214	50.812	164	38.23	135	57.332	130	8.00	63
21.1	55.953	118	34.30	140	39.71	29	87.51	255	50.648	125	36.88	146	57.202	101	7.37	58
31.1	55.835	71	32.90	142	39.42	23	84.96	290	50.523	78	35.42	150	57.101	63	6.79	49
Apr. 10.1	55.764	19	31.48	139	39.19	16	82.06	318	50.445	24	33.92	148	57.038	20	6.30	37
20.1	55.745	38	30.09	129	39.03	9	78.88	339	50.421	34	32.44	140	57.018	26	5.93	21
30.0	55.783	96	28.80	112	38.94	2	75.49	352	50.455	94	31.04	125	57.044	75	5.72	3
Mai 10.0	55.879	154	27.68	92	38.92	7	71.97	357	50.549	153	29.79	104	57.119	123	5.69	18
20.0	56.033	207	26.76	67	38.99	14	68.40	355	50.702	209	28.75	80	57.242	170	5.87	39
29.9	56.240	255	26.09	40	39.13	22	64.85	344	50.911	258	27.95	53	57.412	211	6.26	60
Juni 8.9	56.495	297	25.69	12	39.35	29	61.41	323	51.169	301	27.42	23	57.623	247	6.86	79
18.9	56.792	330	25.57	18	39.64	34	58.18	296	51.470	337	27.19	6	57.870	277	7.65	97
28.9	57.122	356	25.75	46	39.98	40	55.22	260	51.807	363	27.25	36	58.147	299	8.62	112
Juli 8.8	57.478	372	26.21	73	40.38	44	52.62	216	52.170	380	27.61	63	58.446	315	9.74	124
18.8	57.850	379	26.94	97	40.82	46	50.46	167	52.550	389	28.24	90	58.761	322	10.98	131
28.8	58.229	380	27.91	118	41.28	48	48.79	111	52.939	389	29.14	112	59.083	322	12.29	135
Aug. 7.8	58.609	372	29.09	137	41.76	48	47.68	52	53.328	383	30.26	133	59.405	317	13.64	134
17.7	58.981	358	30.46	150	42.24	47	47.16	8	53.711	369	31.59	149	59.722	306	14.98	131
27.7	59.339	339	31.96	162	42.71	45	47.24	69	54.080	349	33.08	162	60.028	290	16.29	123
Sept. 6.7	59.678	315	33.58	169	43.16	40	47.93	129	54.429	325	34.70	171	60.318	269	17.52	113
16.6	59.993	287	35.27	172	43.56	36	49.22	184	54.754	298	36.41	177	60.587	247	18.65	100
26.6	60.280	257	36.99	173	43.92	31	51.06	232	55.052	267	38.18	180	60.834	222	19.65	87
Okt. 6.6	60.537	225	38.72	172	44.23	23	53.38	273	55.319	234	39.98	179	61.056	194	20.52	72
16.6	60.762	190	40.44	167	44.46	17	56.11	304	55.553	198	41.77	177	61.250	166	21.24	59
26.5	60.952	153	42.11	159	44.63	9	59.15	323	55.751	161	43.54	170	61.416	137	21.83	44
Nov. 5.5	61.105	114	43.70	150	44.72	2	62.38	330	55.912	121	45.24	162	61.553	105	22.27	32
15.5	61.219	75	45.20	138	44.74	6	65.68	324	56.033	79	46.86	150	61.658	72	22.59	21
25.5	61.294	32	46.58	122	44.68	13	68.92	307	56.112	35	48.36	134	61.730	39	22.80	9
Dez. 5.4	61.326	10	47.80	104	44.55	19	71.99	279	56.147	9	49.70	117	61.769	4	22.89	0
15.4	61.316	52	48.84	82	44.36	26	74.78	240	56.138	53	50.87	94	61.773	30	22.89	11
25.4	61.264	94	49.66	58	44.10	31	77.18	194	56.085	96	51.81	69	61.743	65	22.78	20
35.3	61.170		50.24		43.79		79.12		55.989		52.50		61.678		22.58	
Mittl. Ort	54.938		24.39		40.67		79.89		49.618		26.37		56.192		2.70	
sec δ, tg δ	1.278		+0.796		2.003		−1.736		1.318		+0.858		1.060		+0.352	

Mittlere Zeit Greenw.	117) 12 Eridani AR.	Δ	117) 12 Eridani Dekl.	Δ	115) 48 H. Cephei AR.	Δ	115) 48 H. Cephei Dekl.	Δ
1918	$3^h 8^m$		−29° 18′		$3^h 9^m$		+77° 26′	
Jan. 0.4	37.039	128	39.55	155	58.30	61	27.21	190
10.3	36.911	155	41.10	120	57.69	73	29.11	138
20.3	36.756	176	42.30	80	56.96	82	30.49	82
30.3	36.580	192	43.10	39	56.14	87	31.31	23
Feb. 9.3	36.388	198	43.49	2	55.27	89	31.54	37
19.2	36.190	196	43.47	43	54.38	87	31.17	95
März 1.2	35.994	186	43.04	83	53.51	81	30.22	148
11.2	35.808	165	42.21	121	52.70	70	28.74	195
21.1	35.643	137	41.00	157	52.00	57	26.79	233
31.1	35.506	100	39.43	189	51.43	40	24.46	262
Apr. 10.1	35.406	59	37.54	219	51.03	23	21.84	280
20.1	35.347	12	35.35	243	50.80	4	19.04	287
30.0	35.335	37	32.92	263	50.76	15	16.17	285
Mai 10.0	35.372	87	30.29	277	50.91	34	13.32	271
20.0	35.459	135	27.52	286	51.25	52	10.61	250
30.0	35.594	179	24.66	288	51.77	68	8.11	222
Juni 8.9	35.773	221	21.78	282	52.45	83	5.89	185
18.9	35.994	255	18.96	269	53.28	95	4.04	145
28.9	36.249	283	16.27	249	54.23	104	2.59	101
Juli 8.8	36.532	303	13.78	222	55.27	111	1.58	54
18.8	36.835	315	11.56	189	56.38	116	1.04	8
28.8	37.150	321	9.67	150	57.54	118	0.96	40
Aug. 7.8	37.471	318	8.17	105	58.72	118	1.36	86
17.7	37.789	308	7.12	59	59.90	115	2.22	130
27.7	38.097	292	6.53	9	61.05	111	3.52	172
Sept. 6.7	38.389	271	6.44	40	62.16	104	5.24	209
16.7	38.660	244	6.84	88	63.20	96	7.33	242
26.6	38.904	214	7.72	132	64.16	85	9.75	272
Okt. 6.6	39.118	182	9.04	171	65.01	74	12.47	296
16.6	39.300	146	10.75	202	65.75	61	15.43	313
26.5	39.446	109	12.77	226	66.36	46	18.56	324
Nov. 5.5	39.555	72	15.03	240	66.82	30	21.80	328
15.5	39.627	33	17.43	245	67.12	13	25.08	323
25.5	39.660	4	19.88	240	67.25	3	28.31	309
Dez. 5.4	39.656	42	22.28	227	67.22	21	31.40	288
15.4	39.614	77	24.55	205	67.01	37	34.28	257
25.4	39.537	112	26.60	176	66.64	53	36.85	217
35.4	39.425		28.36		66.11		39.02	
Mittl. Ort	35.194		35.08		51.72		7.40	
sec δ, tg δ	1.147		−0.561		4.597		+4.487	

Mittlere Zeit Greenw.	120) α Persei AR.	Δ	120) α Persei Dekl.	Δ	121) o Tauri AR.	Δ	121) o Tauri Dekl.	Δ
1918	$3^h 18^m$		+49° 34′		$3^h 20^m$		+8° 44′	
Jan. 0.4	30.475	134	28.54	98	25.932	72	33.13	63
10.3	30.341	180	29.52	64	25.860	101	32.50	61
20.3	30.161	217	30.16	26	25.759	126	31.89	57
30.3	29.944	244	30.42	12	25.633	145	31.32	54
Feb. 9.3	29.700	256	30.30	50	25.488	155	30.78	49
19.2	29.444	256	29.80	86	25.333	158	30.29	42
März 1.2	29.188	242	28.94	119	25.175	151	29.87	34
11.2	28.946	212	27.75	146	25.024	133	29.53	23
21.1	28.734	169	26.29	166	24.891	108	29.30	10
31.1	28.565	116	24.63	180	24.783	75	29.20	4
Apr. 10.1	28.449	55	22.83	186	24.708	35	29.24	21
20.1	28.394	12	20.97	183	24.673	10	29.45	39
30.0	28.406	80	19.14	174	24.683	55	29.84	58
Mai 10.0	28.486	149	17.40	157	24.738	101	30.42	78
20.0	28.635	214	15.83	135	24.839	146	31.20	96
30.0	28.849	273	14.48	109	24.985	187	32.16	112
Juni 8.9	29.122	325	13.39	80	25.172	223	33.28	126
18.9	29.447	369	12.59	47	25.395	253	34.54	137
28.9	29.816	402	12.12	15	25.648	277	35.91	144
Juli 8.8	30.218	426	11.97	18	25.925	294	37.35	147
18.8	30.644	441	12.15	51	26.219	303	38.82	145
28.8	31.085	445	12.66	80	26.522	306	40.27	139
Aug. 7.8	31.530	442	13.46	107	26.828	303	41.66	128
17.7	31.972	430	14.53	133	27.131	294	42.94	113
27.7	32.402	412	15.86	153	27.425	281	44.07	96
Sept. 6.7	32.814	388	17.39	172	27.706	263	45.03	76
16.7	33.202	360	19.11	187	27.969	243	45.79	54
26.6	33.562	326	20.98	198	28.212	220	46.33	33
Okt. 6.6	33.888	290	22.96	206	28.432	195	46.66	12
16.6	34.178	249	25.02	209	28.627	168	46.78	8
26.5	34.427	206	27.11	210	28.795	141	46.70	24
Nov. 5.5	34.633	158	29.21	206	28.936	110	46.46	38
15.5	34.791	108	31.27	198	29.046	78	46.08	50
25.5	34.899	56	33.25	185	29.124	46	45.58	56
Dez. 5.4	34.955	0	35.10	167	29.170	13	45.02	62
15.4	34.955	55	36.77	144	29.183	22	44.40	64
25.4	34.900	108	38.21	116	29.161	55	43.76	64
35.4	34.792		39.37		29.106		43.12	
Mittl. Ort	27.595		13.32		23.890		27.86	
sec δ, tg δ	1.542		+1.174		1.012		+0.154	

Mittlere Zeit Greenw.	122) 2 H. Camelop. AR.		Dekl.		125) *f* Tauri AR.		Dekl.	
1918	$3^h 22^m$		+59° 39′		$3^h 26^m$		+12° 39′	
	s		″		s		″	
Jan. 0.4	28.459	192	37.75	140	22.696	67	29.27	48
10.3	28.267	250	39.15	99	22.629	99	28.79	49
20.3	28.017	297	40.14	55	22.530	126	28.30	51
30.3	27.720	330	40.69	8	22.404	145	27.79	50
Feb. 9.3	27.390	347	40.77	38	22.259	158	27.29	49
19.2	27.043	346	40.39	84	22.101	161	26.80	47
März 1.2	26.697	326	39.55	126	21.940	154	26.33	42
11.2	26.371	288	38.29	162	21.786	138	25.91	36
21.1	26.083	235	36.67	190	21.648	113	25.55	27
31.1	25.848	167	34.77	212	21.535	79	25.28	14
Apr. 10.1	25.681	90	32.65	223	21.456	38	25.14	1
20.1	25.591	6	30.42	226	21.418	5	25.13	16
30.0	25.585	81	28.16	221	21.423	51	25.29	34
Mai 10.0	25.666	167	25.95	207	21.474	99	25.63	53
20.0	25.833	249	23.88	187	21.573	144	26.16	71
30.0	26.082	323	22.01	160	21.717	186	26.87	89
Juni 8.9	26.405	390	20.41	129	21.903	223	27.76	104
18.9	26.795	447	19.12	94	22.126	254	28.80	118
28.9	27.242	490	18.18	57	22.380	279	29.98	127
Juli 8.8	27.732	522	17.61	20	22.659	296	31.25	133
18.8	28.254	543	17.41	19	22.955	306	32.58	135
28.8	28.797	553	17.60	56	23.261	311	33.93	132
Aug. 7.8	29.350	550	18.16	91	23.572	307	35.25	125
17.7	29.900	538	19.07	124	23.879	300	36.50	114
27.7	30.438	519	20.31	154	24.179	287	37.64	101
Sept. 6.7	30.957	490	21.85	181	24.466	271	38.65	85
16.7	31.447	455	23.66	204	24.737	251	39.50	66
26.6	31.902	414	25.70	223	24.988	228	40.16	48
Okt. 6.6	32.316	367	27.93	238	25.216	204	40.64	30
16.6	32.683	315	30.31	249	25.420	177	40.94	12
26.5	32.998	258	32.80	254	25.597	150	41.06	2
Nov. 5.5	33.256	195	35.34	254	25.747	119	41.04	16
15.5	33.451	129	37.88	249	25.866	88	40.88	26
25.5	33.580	58	40.37	237	25.954	55	40.62	34
Dez. 5.4	33.638	14	42.74	219	26.009	20	40.28	41
15.4	33.624	87	44.93	193	26.029	16	39.87	45
25.4	33.537	156	46.86	162	26.013	50	39.42	47
35.4	33.381		48.48		25.963		38.95	
Mittl. Ort	24.951		21.05		20.588		23.18	
sec δ, tg δ	1.979		+1.708		1.025		+0.225	

Mittlere Zeit Greenw.	127) ε Eridani*) AR.		Dekl.		131) δ Persei AR.		Dekl.	
1918	$3^h 29^m$		−9° 43′		$3^h 37^m$		+47° 31′	
	s		″		s		″	
Jan. 0.4	5.925	83	66.57	125	7.694	108	48.75	102
10.3	5.842	112	67.82	105	7.586	155	49.77	71
20.3	5.730	137	68.87	83	7.431	196	50.48	37
30.3	5.593	155	69.70	59	7.235	226	50.85	3
Feb. 9.3	5.438	166	70.29	35	7.009	245	50.88	33
19.2	5.272	169	70.64	9	6.764	250	50.55	68
März 1.2	5.103	162	70.73	17	6.514	240	49.87	99
11.2	4.941	146	70.56	43	6.274	216	48.88	126
21.1	4.795	122	70.13	69	6.058	180	47.62	148
31.1	4.673	90	69.44	94	5.878	132	46.14	163
Apr. 10.1	4.583	52	68.50	119	5.746	74	44.51	171
20.1	4.531	9	67.31	142	5.672	12	42.80	171
30.0	4.522	36	65.89	163	5.660	54	41.09	164
Mai 10.0	4.558	82	64.26	180	5.714	120	39.45	152
20.0	4.640	126	62.46	194	5.834	184	37.93	133
30.0	4.766	167	60.52	205	6.018	243	36.60	110
Juni 8.9	4.933	204	58.47	210	6.261	295	35.50	84
18.9	5.137	237	56.37	210	6.556	340	34.66	55
28.9	5.374	261	54.27	203	6.896	376	34.11	26
Juli 8.8	5.635	280	52.24	192	7.272	402	33.85	5
18.8	5.915	292	50.32	174	7.674	420	33.90	34
28.8	6.207	296	48.58	151	8.094	428	34.24	61
Aug. 7.8	6.503	296	47.07	123	8.522	429	34.85	87
17.7	6.799	288	45.84	90	8.951	422	35.72	110
27.7	7.087	275	44.94	56	9.373	408	36.82	131
Sept. 6.7	7.362	258	44.38	19	9.781	389	38.13	148
16.7	7.620	238	44.19	17	10.170	364	39.61	162
26.6	7.858	214	44.36	52	10.534	335	41.23	173
Okt. 6.6	8.072	189	44.88	84	10.869	303	42.96	182
16.6	8.261	161	45.72	112	11.172	267	44.78	187
26.5	8.422	132	46.84	135	11.439	226	46.65	189
Nov. 5.5	8.554	100	48.19	151	11.665	182	48.54	188
15.5	8.654	68	49.70	160	11.847	134	50.42	183
25.5	8.722	35	51.30	163	11.981	83	52.25	173
Dez. 5.4	8.757	1	52.93	160	12.064	29	53.98	160
15.4	8.758	33	54.53	150	12.093	26	55.58	141
25.4	8.725	67	56.03	137	12.067	80	56.99	117
35.4	8.658		57.40		11.987		58.16	
Mittl. Ort	3.978		66.63		4.755		35.22	
sec δ, tg δ	1.015		−0.172		1.481		+1.092	

*) Die jährliche Parallaxe (0.″32) ist bereits berücksichtigt.

Mittlere Zeit Greenw.	134) ν Persei AR.		134) ν Persei Dekl.		138) 5 H. Camelop. AR.		138) 5 H. Camelop. Dekl.		139) η Tauri AR.		139) η Tauri Dekl.		141) β Reticuli AR.		141) β Reticuli Dekl.	
1918	$3^h 39^m$		+42° 19′		$3^h 41^m$		+71° 4′		$3^h 42^m$		+23° 51′		$3^h 43^m$		−65° 3′	
Jan. 0.4	39.787	90	26.39	80	45.93	31	69.13	198	38.743	61	17.13	0	12.56	38	63.07	212
10.3	39.697	134	27.19	55	45.62	41	71.11	154	38.682	97	17.13	10	12.18	44	65.19	160
20.3	39.563	172	27.74	26	45.21	48	72.65	105	38.585	129	17.03	21	11.74	48	66.79	104
30.3	39.391	201	28.00	5	44.73	55	73.70	52	38.456	153	16.82	33	11.26	51	67.83	47
Feb. 9.3	39.190	219	27.95	35	44.18	57	74.22	3	38.303	169	16.49	44	10.75	53	68.30	11
19.2	38.971	224	27.60	64	43.61	58	74.19	57	38.134	176	16.05	53	10.22	52	68.19	68
März 1.2	38.747	217	26.96	90	43.03	56	73.62	109	37.958	171	15.52	61	9.70	51	67.51	121
11.2	38.530	197	26.06	114	42.47	51	72.53	156	37.787	156	14.91	65	9.19	48	66.30	172
21.2	38.333	164	24.92	131	41.96	42	70.97	195	37.631	131	14.26	67	8.71	43	64.58	218
31.1	38.169	120	23.61	141	41.54	34	69.02	227	37.500	96	13.59	65	8.28	36	62.40	257
Apr. 10.1	38.049	68	22.20	147	41.20	22	66.75	250	37.404	55	12.94	58	7.92	30	59.83	292
20.1	37.981	11	20.73	146	40.98	9	64.25	262	37.349	8	12.36	48	7.62	21	56.91	319
30.0	37.970	50	19.27	138	40.89	3	61.63	265	37.341	42	11.88	35	7.41	13	53.72	340
Mai 10.0	38.020	110	17.89	124	40.92	17	58.98	259	37.383	91	11.53	18	7.28	4	50.32	352
20.0	38.130	170	16.65	106	41.09	30	56.39	244	37.474	140	11.35	1	7.24	5	46.80	356
30.0	38.300	224	15.59	84	41.39	41	53.95	222	37.614	185	11.34	19	7.29	14	43.24	353
Juni 8.9	38.524	273	14.75	59	41.80	51	51.73	192	37.799	226	11.53	37	7.43	24	39.71	339
18.9	38.797	313	14.16	33	42.31	61	49.81	159	38.025	260	11.90	56	7.67	31	36.32	317
28.9	39.110	347	13.83	6	42.92	69	48.22	121	38.285	288	12.46	72	7.98	38	33.15	287
Juli 8.9	39.457	372	13.77	21	43.61	74	47.01	80	38.573	308	13.18	85	8.36	45	30.28	249
18.8	39.829	388	13.98	46	44.35	79	46.21	38	38.881	322	14.03	97	8.81	49	27.79	203
28.8	40.217	396	14.44	70	45.14	82	45.83	5	39.203	328	15.00	104	9.30	53	25.76	150
Aug. 7.8	40.613	396	15.14	91	45.96	83	45.88	47	39.531	328	16.04	108	9.83	55	24.26	92
17.7	41.009	390	16.05	109	46.79	82	46.35	87	39.859	322	17.12	109	10.38	55	23.34	31
27.7	41.399	377	17.14	125	47.61	80	47.22	126	40.181	312	18.21	107	10.93	54	23.03	31
Sept. 6.7	41.776	360	18.39	138	48.41	76	48.48	163	40.493	297	19.28	101	11.47	51	23.34	94
16.7	42.136	337	19.77	147	49.17	72	50.11	195	40.790	279	20.29	94	11.98	47	24.28	154
26.6	42.473	312	21.24	154	49.89	67	52.06	225	41.069	257	21.23	86	12.45	42	25.82	210
Okt. 6.6	42.785	282	22.78	160	50.56	59	54.31	250	41.326	234	22.09	76	12.87	35	27.92	258
16.6	43.067	249	24.38	161	51.15	52	56.81	270	41.560	208	22.85	67	13.22	27	30.50	296
26.6	43.316	214	25.99	162	51.67	43	59.51	284	41.768	179	23.52	57	13.49	19	33.46	325
Nov. 5.5	43.530	173	27.61	158	52.10	32	62.35	293	41.947	148	24.09	47	13.68	10	36.71	340
15.5	43.703	130	29.19	152	52.42	22	65.28	294	42.095	114	24.56	40	13.78	0	40.11	345
25.5	43.833	84	30.71	144	52.64	11	68.22	288	42.209	77	24.96	31	13.78	9	43.56	335
Dez. 5.4	43.917	35	32.15	131	52.75	1	71.10	275	42.286	39	25.27	23	13.69	18	46.91	315
15.4	43.952	15	33.46	114	52.74	14	73.85	251	42.325	1	25.50	14	13.51	26	50.06	283
25.4	43.937	64	34.60	94	52.60	25	76.36	219	42.324	40	25.64	6	13.25	34	52.89	242
35.4	43.873		35.54		52.35		78.55		42.284		25.70		12.91		55.31	
Mittl. Ort	37.027		14.04		40.65		52.53		36.405		9.00		9.98		53.56	
sec δ, tg δ	1.352		+0.911		3.084		+2.918		1.093		+0.442		2.372		−2.151	

Mittlere Zeit Greenw.	140) τ^6 Eridani AR.		140) τ^6 Eridani Dekl.		143) *g* Eridani AR.		143) *g* Eridani Dekl.		146) γ Hydri AR.		146) γ Hydri Dekl.		144) ζ Persei AR.		144) ζ Persei Dekl.	
1918	$3^h 43^m$		−23° 29′		$3^h 46^m$		−36° 26′		$3^h 48^m$		−74° 28′		$3^h 48^m$		+31° 38′	
	s		″		s		″		s		″		s		″	
Jan. 0.4	21.131	94	31.37	174	25.151	130	58.42	201	33.06	66	96.28	209	60.931	63	37.58	37
10.4	21.037	127	33.11	143	25.021	165	60.43	163	32.40	75	98.37	157	60.868	103	37.95	20
20.3	20.910	154	34.54	110	24.856	196	62.06	119	31.65	82	99.94	100	60.765	138	38.15	2
30.3	20.756	176	35.64	73	24.660	219	63.25	74	30.83	86	100.94	42	60.627	165	38.17	16
Feb. 9.3	20.580	190	36.37	37	24.441	232	63.99	27	29.97	89	101.36	16	60.462	184	38.01	35
19.2	20.390	194	36.74	1	24.209	237	64.26	20	29.08	88	101.20	72	60.278	192	37.66	54
März 1.2	20.196	190	36.73	39	23.972	232	64.06	65	28.20	85	100.48	126	60.086	188	37.12	70
11.2	20.006	176	36.34	75	23.740	216	63.41	109	27.35	80	99.22	176	59.898	172	36.42	82
21.2	19.830	153	35.59	109	23.524	190	62.32	149	26.55	73	97.46	221	59.726	145	35.60	92
31.1	19.677	122	34.50	142	23.334	157	60.83	188	25.82	63	95.25	261	59.581	110	34.68	96
Apr. 10.1	19.555	84	33.08	173	23.177	116	58.95	221	25.19	53	92.64	294	59.471	66	33.72	95
20.1	19.471	40	31.35	199	23.061	68	56.74	250	24.66	41	89.70	320	59.405	15	32.77	89
30.1	19.431	6	29.36	222	22.993	18	54.24	274	24.25	28	86.50	340	59.390	37	31.88	80
Mai 10.0	19.437	53	27.14	240	22.975	35	51.50	292	23.97	15	83.10	352	59.427	90	31.08	66
20.0	19.490	100	24.74	254	23.010	87	48.58	303	23.82	0	79.58	355	59.517	143	30.42	48
30.0	19.590	146	22.20	261	23.097	138	45.55	306	23.82	14	76.03	349	59.660	191	29.94	29
Juni 8.9	19.736	187	19.59	261	23.235	184	42.49	303	23.96	28	72.54	336	59.851	235	29.65	8
18.9	19.923	223	16.98	256	23.419	226	39.46	291	24.24	40	69.18	314	60.086	272	29.57	12
28.9	20.146	253	14.42	242	23.645	263	36.55	272	24.64	52	66.04	283	60.358	303	29.69	33
Juli 8.9	20.399	276	12.00	222	23.908	291	33.83	244	25.16	63	63.21	244	60.661	325	30.02	52
18.8	20.675	294	9.78	196	24.199	312	31.39	209	25.79	70	60.77	197	60.986	340	30.54	69
28.8	20.969	303	7.82	162	24.511	326	29.30	168	26.49	77	58.80	144	61.326	349	31.23	83
Aug. 7.8	21.272	306	6.20	124	24.837	332	27.62	122	27.26	81	57.36	87	61.675	350	32.06	95
17.7	21.578	302	4.96	81	25.169	330	26.40	71	28.07	82	56.49	26	62.025	345	33.01	103
27.7	21.880	292	4.15	35	25.499	321	25.69	16	28.89	81	56.23	37	62.370	336	34.04	108
Sept. 6.7	22.172	278	3.80	12	25.820	305	25.53	38	29.70	78	56.60	100	62.706	321	35.12	111
16.7	22.450	258	3.92	58	26.125	283	25.91	93	30.48	72	57.60	160	63.027	302	36.23	112
26.6	22.708	235	4.50	102	26.408	257	26.84	143	31.20	62	59.20	214	63.329	281	37.35	110
Okt. 6.6	22.943	208	5.52	143	26.665	225	28.27	188	31.82	53	61.34	263	63.610	257	38.45	107
16.6	23.151	179	6.95	178	26.890	190	30.15	227	32.35	40	63.97	300	63.867	229	39.52	103
26.6	23.330	147	8.73	205	27.080	151	32.42	257	32.75	26	66.97	328	64.096	199	40.55	98
Nov. 5.5	23.477	112	10.78	224	27.231	110	34.99	276	33.01	11	70.25	344	64.295	166	41.53	93
15.5	23.589	76	13.02	234	27.341	66	37.75	287	33.12	4	73.69	346	64.461	129	42.46	86
25.5	23.665	39	15.36	235	27.407	23	40.62	285	33.08	20	77.15	336	64.590	90	43.32	78
Dez. 5.5	23.704	0	17.71	228	27.430	22	43.47	273	32.88	34	80.51	315	64.680	47	44.10	69
15.4	23.704	38	19.99	213	27.408	66	46.20	253	32.54	47	83.66	282	64.727	3	44.79	58
25.4	23.666	75	22.12	192	27.342	108	48.73	224	32.07	59	86.48	240	64.730	40	45.37	45
35.4	23.591		24.04		27.234		50.97		31.48		88.88		64.690		45.82	
Mittl. Ort	19.142		28.28		23.117		52.79		29.64		86.38		58.410		28.06	
sec δ, tg δ	1.090		−0.435		1.243		−0.739		3.740		−3.604		1.175		+0.616	

Mittlere Zeit Greenw.	145) 9 H. Camelop. AR.	Δ	Dekl.	Δ	147) ε Persei AR.	Δ	Dekl.	Δ	148) ξ Persei AR.	Δ	Dekl.	Δ	149) γ Eridani AR.	Δ	Dekl.	Δ
1918	3h 50m		+60° 52′		3h 52m		+39° 46′		3h 53m		+35° 33′		3h 54m		−13° 44′	
Jan. 0.4	11.88	16	26.52	166	23.516	73	37.54	75	41.048	64	32.54	56	14.204	69	28.90	151
10.4	11.72	23	28.18	129	23.443	117	38.29	53	40.984	107	33.10	37	14.135	103	30.41	129
20.3	11.49	29	29.47	87	23.326	156	38.82	28	40.877	144	33.47	17	14.032	131	31.70	103
30.3	11.20	33	30.34	41	23.170	187	39.10	1	40.733	174	33.64	6	13.901	155	32.73	76
Feb. 9.3	10.87	36	30.75	5	22.983	208	39.11	26	40.559	194	33.58	29	13.746	171	33.49	47
19.2	10.51	37	30.70	51	22.775	217	38.85	53	40.365	203	33.29	52	13.575	178	33.96	17
März 1.2	10.14	36	30.19	96	22.558	213	38.32	77	40.162	199	32.77	71	13.397	176	34.13	12
11.2	9.78	33	29.23	136	22.345	195	37.55	99	39.963	184	32.06	89	13.221	164	34.01	42
21.2	9.45	28	27.87	170	22.150	166	36.56	115	39.779	157	31.17	101	13.057	144	33.59	70
31.1	9.17	22	26.17	196	21.984	127	35.41	126	39.622	119	30.16	110	12.913	115	32.89	99
Apr. 10.1	8.95	14	24.21	215	21.857	78	34.15	132	39.503	74	29.06	112	12.798	78	31.90	125
20.1	8.81	6	22.06	224	21.779	24	32.83	131	39.429	22	27.94	110	12.720	38	30.65	151
30.1	8.75	3	19.82	226	21.755	34	31.52	124	39.407	32	26.84	101	12.682	6	29.14	173
Mai 10.0	8.78	12	17.56	219	21.789	93	30.28	113	39.439	88	25.83	89	12.688	53	27.41	192
20.0	8.90	20	15.37	204	21.882	150	29.15	96	39.527	143	24.94	73	12.741	97	25.49	207
30.0	9.10	29	13.33	184	22.032	204	28.19	77	39.670	194	24.21	54	12.838	141	23.42	218
Juni 8.9	9.39	36	11.49	157	22.236	252	27.42	54	39.864	239	23.67	32	12.979	180	21.24	223
18.9	9.75	43	9.92	127	22.488	293	26.88	31	40.103	279	23.35	10	13.159	215	19.01	222
28.9	10.18	47	8.65	93	22.781	327	26.57	6	40.382	311	23.25	11	13.374	244	16.79	216
Juli 8.9	10.65	52	7.72	58	23.108	353	26.51	18	40.693	335	23.36	33	13.618	267	14.63	203
18.8	11.17	55	7.14	21	23.461	370	26.69	40	41.028	352	23.69	53	13.885	283	12.60	184
28.8	11.72	56	6.93	15	23.831	381	27.09	62	41.380	362	24.22	70	14.168	293	10.76	159
Aug. 7.8	12.28	58	7.08	51	24.212	383	27.71	80	41.742	364	24.92	85	14.461	296	9.17	128
17.8	12.86	57	7.59	84	24.595	379	28.51	96	42.106	361	25.77	97	14.757	294	7.89	94
27.7	13.43	55	8.43	116	24.974	369	29.47	110	42.467	351	26.74	106	15.051	286	6.95	55
Sept. 6.7	13.98	54	9.59	146	25.343	354	30.57	120	42.818	337	27.80	113	15.337	274	6.40	15
16.7	14.52	50	11.05	171	25.697	336	31.77	129	43.155	319	28.93	118	15.611	257	6.25	25
26.6	15.02	47	12.76	195	26.033	312	33.06	134	43.474	297	30.11	120	15.868	237	6.50	64
Okt. 6.6	15.49	43	14.71	214	26.345	285	34.40	139	43.771	272	31.31	120	16.105	214	7.14	100
16.6	15.92	37	16.85	230	26.630	256	35.79	140	44.043	244	32.51	119	16.319	188	8.14	132
26.6	16.29	32	19.15	241	26.886	222	37.19	140	44.287	213	33.70	117	16.507	159	9.46	157
Nov. 5.5	16.61	26	21.56	247	27.108	185	38.59	138	44.500	178	34.87	114	16.666	129	11.03	176
15.5	16.87	19	24.03	248	27.293	143	39.97	134	44.678	139	36.01	108	16.795	96	12.79	189
25.5	17.06	11	26.51	242	27.436	99	41.31	127	44.817	98	37.09	101	16.891	60	14.68	192
Dez. 5.5	17.17	4	28.93	230	27.535	52	42.58	116	44.915	53	38.10	92	16.951	24	16.60	189
15.4	17.21	4	31.23	210	27.587	3	43.74	104	44.968	7	39.02	80	16.975	13	18.49	180
25.4	17.17	12	33.33	184	27.590	46	44.78	87	44.975	40	39.82	66	16.962	49	20.29	164
35.4	17.05		35.17		27.544		45.65		44.935		40.48		16.913		21.93	
Mittl. Ort	7.98		11.88		20.759		26.59		38.406		22.51		12.158		27.86	
sec δ, tg δ	2.054		+1.794		1.301		+0.832		1.229		+0.715		1.029		−0.245	

Mittlere Zeit Greenw.	150) λ Tauri AR.		150) λ Tauri Dekl.		151) ν Tauri AR.		151) ν Tauri Dekl.	
1918	3h 56m		+12° 15′		3h 58m		+5° 45′	
Jan. 0.4	10.321	48	39.13	50	49.728	48	48.61	78
10.4	10.273	84	38.63	49	49.680	83	47.83	72
20.3	10.189	115	38.14	48	49.597	114	47.11	64
30.3	10.074	141	37.66	47	49.483	139	46.47	56
Feb. 9.3	9.933	158	37.19	44	49.344	157	45.91	47
19.2	9.775	166	36.75	40	49.187	165	45.44	36
März 1.2	9.609	165	36.35	37	49.022	164	45.08	25
11.2	9.444	153	35.98	30	48.858	154	44.83	13
21.2	9.291	132	35.68	22	48.704	133	44.70	1
31.1	9.159	102	35.46	12	48.571	104	44.71	16
Apr. 10.1	9.057	65	35.34	0	48.467	68	44.87	32
20.1	8.992	22	35.34	15	48.399	27	45.19	50
30.1	8.970	23	35.49	31	48.372	17	45.69	67
Mai 10.0	8.993	70	35.80	47	48.389	63	46.36	85
20.0	9.063	116	36.27	64	48.452	109	47.21	101
30.0	9.179	159	36.91	80	48.561	151	48.22	116
Juni 8.9	9.338	199	37.71	94	48.712	189	49.38	128
18.9	9.537	232	38.65	107	48.901	223	50.66	137
28.9	9.769	260	39.72	115	49.124	251	52.03	141
Juli 8.9	10.029	281	40.87	120	49.375	273	53.44	142
18.8	10.310	296	42.07	121	49.648	288	54.86	139
28.8	10.606	304	43.28	119	49.936	296	56.25	130
Aug. 7.8	10.910	306	44.47	111	50.232	299	57.55	116
17.8	11.216	303	45.58	101	50.531	296	58.71	100
27.7	11.519	295	46.59	87	50.827	289	59.71	79
Sept. 6.7	11.814	283	47.46	71	51.116	278	60.50	57
16.7	12.097	267	48.17	52	51.394	262	61.07	33
26.7	12.364	249	48.69	34	51.656	244	61.40	8
Okt. 6.6	12.613	228	49.03	16	51.900	224	61.48	14
16.6	12.841	204	49.19	1	52.124	200	61.34	36
26.6	13.045	178	49.18	15	52.324	174	60.98	53
Nov. 5.5	13.223	149	49.03	28	52.498	146	60.45	67
15.5	13.372	118	48.75	37	52.644	115	59.78	78
25.5	13.490	84	48.38	44	52.759	82	59.00	84
Dez. 5.5	13.574	47	47.94	48	52.841	46	58.16	87
15.4	13.621	9	47.46	50	52.887	8	57.29	86
25.4	13.630	28	46.96	51	52.895	28	56.43	82
35.4	13.602		46.45		52.867		55.61	
Mittl. Ort	8.085		34.32		47.548		45.38	
sec δ, tg δ	1.023		+0.217		1.005		+0.101	

Mittlere Zeit Greenw.	152) c Persei AR.		152) c Persei Dekl.		154) ο¹ Eridani AR.		154) ο¹ Eridani Dekl.	
1918	4h 2m		+47° 29′		4h 7m		−7° 2′	
Jan. 0.4	45.261	80	52.67	116	53.828	52	61.97	133
10.4	45.181	133	53.83	89	53.776	87	63.30	116
20.3	45.048	179	54.72	58	53.689	118	64.46	97
30.3	44.869	217	55.30	26	53.571	144	65.43	75
Feb. 9.3	44.652	242	55.56	8	53.427	162	66.18	52
19.2	44.410	254	55.48	43	53.265	172	66.70	28
März 1.2	44.156	251	55.05	75	53.093	173	66.98	5
11.2	43.905	233	54.30	105	52.920	163	67.03	19
21.2	43.672	202	53.25	129	52.757	145	66.84	43
31.1	43.470	159	51.96	147	52.612	117	66.41	67
Apr. 10.1	43.311	105	50.49	160	52.495	83	65.74	91
20.1	43.206	45	48.89	165	52.412	43	64.83	114
30.1	43.161	19	47.24	163	52.369	0	63.69	134
Mai 10.0	43.180	86	45.61	156	52.369	45	62.35	154
20.0	43.266	150	44.05	142	52.414	90	60.81	170
30.0	43.416	210	42.63	124	52.504	132	59.11	182
Juni 8.9	43.626	266	41.39	102	52.636	172	57.29	190
18.9	43.892	315	40.37	77	52.808	207	55.39	194
28.9	44.207	354	39.60	50	53.015	236	53.45	191
Juli 8.9	44.561	385	39.10	22	53.251	259	51.54	184
18.8	44.946	409	38.88	5	53.510	277	49.70	170
28.8	45.355	422	38.93	31	53.787	288	48.00	151
Aug. 7.8	45.777	428	39.24	56	54.075	292	46.49	126
17.8	46.205	426	39.80	79	54.367	292	45.23	98
27.7	46.631	419	40.59	99	54.659	286	44.25	65
Sept. 6.7	47.050	404	41.58	118	54.945	276	43.60	31
16.7	47.454	385	42.76	134	55.221	262	43.29	4
26.7	47.839	361	44.10	147	55.483	244	43.33	39
Okt. 6.6	48.200	332	45.57	158	55.727	224	43.72	72
16.6	48.532	299	47.15	167	55.951	200	44.44	100
26.6	48.831	262	48.82	172	56.151	175	45.44	125
Nov. 5.5	49.093	219	50.54	174	56.326	146	46.69	143
15.5	49.312	172	52.28	174	56.472	114	48.12	155
25.5	49.484	121	54.02	170	56.586	80	49.67	161
Dez. 5.5	49.605	66	55.72	161	56.666	44	51.28	160
15.4	49.671	8	57.33	147	56.710	6	52.88	154
25.4	49.679	50	58.80	129	56.716	32	54.42	143
35.4	49.629		60.09		56.684		55.85	
Mittl. Ort	42.146		41.09		51.705		62.17	
sec δ, tg δ	1.480		+1.091		1.008		−0.124	

Mittlere Zeit Greenw.	155) α Horologii AR.		Dekl.		156) α Reticuli AR.		Dekl.		160) υ⁴ Eridani AR.		Dekl.		162) δ Tauri AR.		Dekl.	
1918	4h 11m		−42° 29′		4h 13m		−62° 40′		4h 14m		−33° 59′		4h 18m		+17° 21′	
Jan. 0.4	19.131	135	52.06	234	24.53	30	52.06	249	49.515	100	57.48	221	14.602	31	9.06	26
10.4	18.996	179	54.40	195	24.23	37	54.55	202	49.415	139	59.69	186	14.571	71	8.80	29
20.4	18.817	215	56.35	150	23.86	42	56.57	150	49.276	175	61.55	146	14.500	107	8.51	30
30.3	18.602	244	57.85	101	23.44	45	58.07	95	49.101	203	63.01	103	14.393	137	8.21	33
Feb. 9.3	18.358	264	58.86	51	22.99	48	59.02	38	48.898	222	64.04	58	14.256	159	7.88	35
19.3	18.094	273	59.37	1	22.51	49	59.40	19	48.676	233	64.62	13	14.097	171	7.53	37
März 1.2	17.821	272	59.38	49	22.02	49	59.21	74	48.443	233	64.75	33	13.926	174	7.16	38
11.2	17.549	260	58.89	96	21.53	47	58.47	127	48.210	222	64.42	76	13.752	166	6.78	38
21.2	17.289	236	57.93	141	21.06	42	57.20	175	47.988	203	63.66	118	13.586	146	6.40	36
31.2	17.053	203	56.52	182	20.64	38	55.45	219	47.785	173	62.48	157	13.440	119	6.04	30
Apr. 10.1	16.850	163	54.70	220	20.26	32	53.26	258	47.612	135	60.91	193	13.321	83	5.74	23
20.1	16.687	115	52.50	253	19.94	25	50.68	292	47.477	92	58.98	224	13.238	40	5.51	14
30.1	16.572	62	49.97	279	19.69	17	47.76	318	47.385	45	56.74	250	13.198	5	5.37	1
Mai 10.0	16.510	7	47.18	300	19.52	9	44.58	336	47.340	6	54.24	272	13.203	52	5.36	13
20.0	16.503	50	44.18	313	19.43	1	41.22	347	47.346	57	51.52	287	13.255	99	5.49	27
30.0	16.553	105	41.05	319	19.42	8	37.75	350	47.403	107	48.65	295	13.354	145	5.76	43
Juni 9.0	16.658	157	37.86	318	19.50	16	34.25	345	47.510	154	45.70	296	13.499	185	6.19	57
18.9	16.815	205	34.68	308	19.66	24	30.80	329	47.664	197	42.74	289	13.684	222	6.76	70
28.9	17.020	248	31.60	289	19.90	32	27.51	305	47.861	235	39.85	275	13.906	252	7.46	81
Juli 8.9	17.268	284	28.71	262	20.22	37	24.46	272	48.096	266	37.10	252	14.158	277	8.27	89
18.8	17.552	312	26.09	227	20.59	43	21.74	232	48.362	291	34.58	222	14.435	294	9.16	93
28.8	17.864	333	23.82	186	21.02	47	19.42	183	48.653	308	32.36	184	14.729	306	10.09	95
Aug. 7.8	18.197	346	21.96	137	21.49	49	17.59	128	48.961	319	30.52	140	15.035	311	11.04	93
17.8	18.543	351	20.59	84	21.98	51	16.31	69	49.280	323	29.12	92	15.346	311	11.97	87
27.7	18.894	347	19.75	27	22.49	51	15.62	7	49.603	319	28.20	40	15.657	307	12.84	79
Sept. 6.7	19.241	335	19.48	32	23.00	50	15.55	57	49.922	309	27.80	15	15.964	298	13.63	67
16.7	19.576	318	19.80	90	23.50	47	16.12	120	50.231	294	27.95	69	16.262	285	14.30	55
26.7	19.894	293	20.70	144	23.97	42	17.32	179	50.525	273	28.64	121	16.547	270	14.85	42
Okt. 6.6	20.187	262	22.14	195	24.39	38	19.11	232	50.798	246	29.85	169	16.817	251	15.27	27
16.6	20.449	225	24.09	239	24.77	31	21.43	277	51.044	216	31.54	210	17.068	229	15.54	15
26.6	20.674	185	26.48	273	25.08	23	24.20	313	51.260	182	33.64	245	17.297	205	15.69	4
Nov. 5.5	20.859	140	29.21	298	25.31	16	27.33	338	51.442	144	36.09	269	17.502	176	15.73	5
15.5	20.999	92	32.19	312	25.47	8	30.71	348	51.586	103	38.78	283	17.678	145	15.68	13
25.5	21.091	42	35.31	314	25.55	2	34.19	348	51.689	59	41.61	288	17.823	111	15.55	18
Dez. 5.5	21.133	9	38.45	304	25.53	9	37.67	335	51.748	14	44.49	282	17.934	72	15.37	22
15.4	21.124	60	41.49	286	25.44	18	41.02	311	51.762	31	47.31	265	18.006	32	15.15	25
25.4	21.064	108	44.35	257	25.26	26	44.13	276	51.731	75	49.96	241	18.038	9	14.90	26
35.4	20.956		46.92		25.00		46.89		51.656		52.37		18.029		14.64	
Mittl. Ort	16.950		45.89		21.86		43.78		47.384		52.62		12.213		4.17	
sec δ, tg δ	1.356		−0.916		2.179		−1.936		1.206		−0.674		1.048		+0.312	

Mittlere Zeit Greenw.	164) ε Tauri AR.		164) ε Tauri Dekl.		168) α Tauri AR.		168) α Tauri Dekl.	
	4h 23m		+18° 59′		4h 31m		+16° 20′	
1918	s		″		s		″	
Jan. 0.4	52.013	27	63.43	19	15.223	21	47.62	32
10.4	51.986	68	63.24	21	15.202	62	47.30	32
20.4	51.918	104	63.03	23	15.140	100	46.98	32
30.3	51.814	136	62.80	28	15.040	132	46.66	33
Feb. 9.3	51.678	160	62.52	32	14.908	155	46.33	34
19.3	51.518	173	62.20	35	14.753	171	45.99	34
März 1.2	51.345	176	61.85	38	14.582	176	45.65	34
11.2	51.169	169	61.47	39	14.406	169	45.31	33
21.2	51.000	151	61.08	39	14.237	153	44.98	30
31.2	50.849	123	60.69	36	14.084	126	44.68	25
Apr. 10.1	50.726	88	60.33	30	13.958	93	44.43	18
20.1	50.638	45	60.03	22	13.865	52	44.25	9
30.1	50.593	0	59.81	10	13.813	7	44.16	3
Mai 10.1	50.593	48	59.71	2	13.806	40	44.19	16
20.0	50.641	95	59.73	16	13.846	86	44.35	30
30.0	50.736	140	59.89	31	13.932	130	44.65	43
Juni 9.0	50.876	183	60.20	45	14.062	173	45.08	57
18.9	51.059	219	60.65	58	14.235	210	45.65	69
28.9	51.278	251	61.23	70	14.445	240	46.34	79
Juli 8.9	51.529	276	61.93	79	14.685	267	47.13	86
18.9	51.805	294	62.72	85	14.952	286	47.99	89
28.8	52.099	306	63.57	87	15.238	299	48.88	90
Aug. 7.8	52.405	313	64.44	86	15.537	306	49.78	86
17.8	52.718	315	65.30	83	15.843	309	50.64	80
27.7	53.033	310	66.13	75	16.152	307	51.44	70
Sept. 6.7	53.343	302	66.88	67	16.459	299	52.14	59
16.7	53.645	291	67.55	55	16.758	289	52.73	45
26.7	53.936	275	68.10	43	17.047	275	53.18	30
Okt. 6.6	54.211	258	68.53	31	17.322	258	53.48	17
16.6	54.469	237	68.84	20	17.580	239	53.65	3
26.6	54.706	212	69.04	10	17.819	215	53.68	8
Nov. 5.6	54.918	184	69.14	2	18.034	187	53.60	18
15.5	55.102	153	69.16	5	18.221	157	53.42	24
25.5	55.255	117	69.11	9	18.378	123	53.18	29
Dez. 5.5	55.372	80	69.02	13	18.501	85	52.89	31
15.4	55.452	38	68.89	15	18.586	44	52.58	33
25.4	55.490	5	68.74	18	18.630	1	52.25	33
35.4	55.485		68.56		18.631		51.92	
Mittl. Ort	49.577		58.50		12.801		43.57	
sec δ, tg δ	1.058		+0.344		1.042		+0.293	

Mittlere Zeit Greenw.	169) ν Eridani AR.		169) ν Eridani Dekl.		171) α Doradus AR.		171) α Doradus Dekl.	
	4h 32m		−3° 30′		4h 32m		−55° 12′	
1918	s		″		s		″	
Jan. 0.4	15.464	31	68.99	128	15.958	194	57.20	268
10.4	15.433	69	70.27	112	15.764	252	59.88	226
20.4	15.364	104	71.39	96	15.512	300	62.14	178
30.3	15.260	133	72.35	78	15.212	339	63.92	126
Feb. 9.3	15.127	156	73.13	58	14.873	367	65.18	71
19.3	14.971	171	73.71	37	14.506	382	65.89	17
März 1.2	14.800	175	74.08	17	14.124	384	66.06	38
11.2	14.625	169	74.25	4	13.740	372	65.68	91
21.2	14.456	155	74.21	25	13.368	347	64.77	140
31.2	14.301	130	73.96	47	13.021	311	63.37	186
Apr. 10.1	14.171	98	73.49	68	12.710	264	61.51	228
20.1	14.073	60	72.81	89	12.446	209	59.23	263
30.1	14.013	18	71.92	109	12.237	146	56.60	293
Mai 10.1	13.995	25	70.83	127	12.091	80	53.67	317
20.0	14.020	70	69.56	143	12.011	10	50.50	333
30.0	14.090	113	68.13	157	12.001	60	47.17	340
Juni 9.0	14.203	153	66.56	166	12.061	127	43.77	339
18.9	14.356	190	64.90	172	12.188	191	40.38	330
28.9	14.546	220	63.18	172	12.379	251	37.08	311
Juli 8.9	14.766	246	61.46	167	12.630	303	33.97	283
18.9	15.012	265	59.79	157	12.933	346	31.14	247
28.8	15.277	280	58.22	141	13.279	382	28.67	203
Aug. 7.8	15.557	287	56.81	121	13.661	407	26.64	152
17.8	15.844	290	55.60	96	14.068	422	25.12	96
27.7	16.134	289	54.64	67	14.490	426	24.16	35
Sept. 6.7	16.423	282	53.97	36	14.916	420	23.81	28
16.7	16.705	272	53.61	3	15.336	402	24.09	91
26.7	16.977	258	53.58	29	15.738	374	25.00	151
Okt. 6.6	17.235	241	53.87	60	16.112	338	26.51	207
16.6	17.476	221	54.47	88	16.450	292	28.58	256
26.6	17.697	197	55.35	111	16.742	240	31.14	295
Nov. 5.6	17.894	171	56.46	130	16.982	180	34.09	324
15.5	18.065	140	57.76	142	17.162	116	37.33	342
25.5	18.205	107	59.18	148	17.278	48	40.75	346
Dez. 5.5	18.312	70	60.66	150	17.326	22	44.21	339
15.4	18.382	31	62.16	145	17.304	90	47.60	321
25.4	18.413	9	63.61	135	17.214	156	50.81	291
35.4	18.404		64.96		17.058		53.72	
Mittl. Ort	13.242		69.35		13.465		50.18	
sec δ, tg δ	1.002		−0.062		1.753		−1.440	

Mittlere Zeit Greenw.	172) 53 Eridani AR.		172) 53 Eridani Dekl.		174) τ Tauri AR.		174) τ Tauri Dekl.	
1918	4h 34m		−14° 27′		4h 37m		+22° 48′	
Jan. 0.4	27.614 s	41	50.51″	175	21.830 s	16	7.23″	1
10.4	27.573	81	52.26	152	21.814	60	7.24	2
20.4	27.492	116	53.78	127	21.754	100	7.22	7
30.3	27.376	146	55.05	99	21.654	134	7.15	14
Feb. 9.3	27.230	169	56.04	69	21.520	161	7.01	21
19.3	27.061	183	56.73	38	21.359	177	6.80	28
März 1.3	26.878	187	57.11	8	21.182	183	6.52	36
11.2	26.691	182	57.19	23	20.999	178	6.16	41
21.2	26.509	167	56.96	53	20.821	162	5.75	45
31.2	26.342	143	56.43	83	20.659	135	5.30	46
Apr. 10.1	26.199	111	55.60	110	20.524	100	4.84	44
20.1	26.088	74	54.50	137	20.424	58	4.40	40
30.1	26.014	31	53.13	160	20.366	12	4.00	31
Mai 10.1	25.983	13	51.53	182	20.354	36	3.69	22
20.0	25.996	58	49.71	198	20.390	85	3.47	10
30.0	26.054	102	47.73	211	20.475	131	3.37	4
Juni 9.0	26.156	144	45.62	218	20.606	175	3.41	18
19.0	26.300	181	43.44	220	20.781	213	3.59	31
28.9	26.481	214	41.24	216	20.994	247	3.90	43
Juli 8.9	26.695	240	39.08	205	21.241	273	4.33	54
18.9	26.935	263	37.03	188	21.514	295	4.87	62
28.8	27.198	278	35.15	165	21.809	309	5.49	68
Aug. 7.8	27.476	287	33.50	135	22.118	317	6.17	69
17.8	27.763	292	32.15	101	22.435	321	6.86	70
27.8	28.055	290	31.14	63	22.756	319	7.56	66
Sept. 6.7	28.345	285	30.51	22	23.075	313	8.22	61
16.7	28.630	275	30.29	20	23.388	304	8.83	54
26.7	28.905	260	30.49	61	23.692	290	9.37	46
Okt. 6.7	29.165	242	31.10	100	23.982	274	9.83	37
16.6	29.407	221	32.10	135	24.256	254	10.20	30
26.6	29.628	196	33.45	164	24.510	230	10.50	23
Nov. 5.6	29.824	167	35.09	186	24.740	202	10.73	18
15.5	29.991	135	36.95	202	24.942	171	10.91	13
25.5	30.126	100	38.97	209	25.113	136	11.04	10
Dez. 5.5	30.226	61	41.06	208	25.249	95	11.14	8
15.5	30.287	22	43.14	201	25.344	53	11.22	6
25.4	30.309	20	45.15	187	25.397	8	11.28	3
35.4	30.289		47.02		25.405		11.31	
Mittl. Ort	25.437		48.91		19.281		2.37	
sec δ, tg δ	1.033		−0.258		1.085		+0.420	

Mittlere Zeit Greenw.	173) Gr. 848 AR.		173) Gr. 848 Dekl.		175) 4 Camelop. AR.		175) 4 Camelop. Dekl.	
1918	4h 37m		+75° 47′		4h 41m		+56° 36′	
Jan. 0.4	54.05 s	26	51.06″	252	13.884 s	59	56.32″	175
10.4	53.79	41	53.58	219	13.825	132	58.07	151
20.4	53.38	55	55.77	178	13.693	198	59.58	120
30.3	52.83	67	57.55	129	13.495	253	60.78	84
Feb. 9.3	52.16	74	58.84	76	13.242	294	61.62	45
19.3	51.42	79	59.60	20	12.948	321	62.07	3
März 1.3	50.63	80	59.80	37	12.627	329	62.10	38
11.2	49.83	76	59.43	91	12.298	318	61.72	77
21.2	49.07	71	58.52	142	11.980	291	60.95	114
31.2	48.36	61	57.10	185	11.689	247	59.81	145
Apr. 10.1	47.75	48	55.25	222	11.442	190	58.36	170
20.1	47.27	34	53.03	249	11.252	124	56.66	187
30.1	46.93	17	50.54	267	11.128	49	54.79	198
Mai 10.1	46.76	1	47.87	277	11.079	28	52.81	201
20.0	46.75	15	45.10	276	11.107	107	50.80	197
30.0	46.90	32	42.34	267	11.214	182	48.83	187
Juni 9.0	47.22	47	39.67	251	11.396	252	46.96	171
19.0	47.69	61	37.16	228	11.648	317	45.25	150
28.9	48.30	74	34.88	199	11.965	372	43.75	127
Juli 8.9	49.04	85	32.89	165	12.337	419	42.48	99
18.9	49.89	93	31.24	128	12.756	456	41.49	71
28.8	50.82	100	29.96	89	13.212	484	40.78	42
Aug. 7.8	51.82	105	29.07	47	13.696	502	40.36	12
17.8	52.87	108	28.60	6	14.198	512	40.24	17
27.8	53.95	108	28.54	36	14.710	513	40.41	46
Sept. 6.7	55.03	108	28.90	77	15.223	507	40.87	72
16.7	56.11	105	29.67	117	15.730	493	41.59	98
26.7	57.16	99	30.84	154	16.223	473	42.57	122
Okt. 6.7	58.15	94	32.38	189	16.696	446	43.79	143
16.6	59.09	85	34.27	221	17.142	412	45.22	163
26.6	59.94	74	36.48	248	17.554	370	46.85	180
Nov. 5.6	60.68	63	38.96	270	17.924	322	48.65	193
15.5	61.31	49	41.66	286	18.246	266	50.58	203
25.5	61.80	34	44.52	295	18.512	202	52.61	207
Dez. 5.5	62.14	17	47.47	295	18.714	133	54.68	207
15.5	62.31	1	50.42	286	18.847	59	56.75	200
25.4	62.32	16	53.28	268	18.906	18	58.75	187
35.4	62.16		55.96		18.888		60.62	
Mittl. Ort	46.38		39.45		9.957		46.80	
sec δ, tg δ	4.075		+3.950		1.818		+1.517	

Mittlere Zeit Greenw.	178) 9 Camelop. AR.		Dekl.		180) π^5 Orionis AR.		Dekl.		181) ι Aurigae AR.		Dekl.		183) ε Aurigae AR.		Dekl.	
1918	4h 45m		+66° 12′		4h 49m		+2° 18′		4h 51m		+33° 2′		4h 56m		+43° 42′	
Jan. 0.4	58.33	10	28.77	220	61.040	12	27.06	106	41.900	6	20.26	58	8.101	10	18.13	116
10.4	58.23	21	30.97	192	61.028	52	26.00	94	41.894	56	20.84	49	8.091	69	19.29	102
20.4	58.02	29	32.89	157	60.976	91	25.06	82	41.838	102	21.33	37	8.022	122	20.31	82
30.3	57.73	36	34.46	115	60.885	123	24.24	67	41.736	143	21.70	23	7.900	169	21.13	59
Feb. 9.3	57.37	42	35.61	69	60.762	149	23.57	54	41.593	174	21.93	6	7.731	206	21.72	32
19.3	56.95	45	36.30	20	60.613	167	23.03	39	41.419	195	21.99	—12	7.525	231	22.04	4
März 1.3	56.50	47	36.50	—29	60.446	174	22.64	24	41.224	204	21.87	30	7.294	242	22.08	—25
11.2	56.03	46	36.21	78	60.272	171	22.40	9	41.020	201	21.57	46	7.052	238	21.83	52
21.2	55.57	41	35.43	122	60.101	159	22.31	—8	40.819	185	21.11	62	6.814	221	21.31	78
31.2	55.16	36	34.21	160	59.942	137	22.39	23	40.634	159	20.49	73	6.593	191	20.53	100
Apr. 10.2	54.80	29	32.61	193	59.805	107	22.62	40	40.475	121	19.76	81	6.402	149	19.53	118
20.1	54.51	19	30.68	217	59.698	70	23.02	58	40.354	78	18.95	84	6.253	100	18.35	129
30.1	54.32	10	28.51	232	59.628	29	23.60	75	40.276	29	18.11	84	6.153	43	17.06	135
Mai 10.1	54.22	0	26.19	241	59.599	—14	24.35	91	40.247	—24	17.27	80	6.110	—16	15.71	136
20.0	54.22	11	23.78	240	59.613	58	25.26	106	40.271	76	16.47	72	6.126	76	14.35	132
30.0	54.33	21	21.38	232	59.671	102	26.32	120	40.347	127	15.75	61	6.202	135	13.03	123
Juni 9.0	54.54	30	19.06	218	59.773	142	27.52	130	40.474	175	15.14	48	6.337	190	11.80	111
19.0	54.84	39	16.88	196	59.915	179	28.82	137	40.649	219	14.66	34	6.527	241	10.69	94
28.9	55.23	47	14.92	171	60.094	211	30.19	140	40.868	256	14.32	18	6.768	284	9.75	77
Juli 8.9	55.70	54	13.21	142	60.305	237	31.59	139	41.124	287	14.14	4	7.052	322	8.98	57
18.9	56.24	59	11.79	109	60.542	259	32.98	134	41.411	312	14.10	—10	7.374	351	8.41	37
28.9	56.83	63	10.70	75	60.801	275	34.32	122	41.723	331	14.20	23	7.725	374	8.04	18
Aug. 7.8	57.46	66	9.95	39	61.076	285	35.54	107	42.054	342	14.43	34	8.099	388	7.86	—1
17.8	58.12	68	9.56	4	61.361	290	36.61	88	42.396	349	14.77	42	8.487	398	7.87	20
27.8	58.80	68	9.52	—32	61.651	290	37.49	65	42.745	349	15.19	50	8.885	401	8.07	36
Sept. 6.7	59.48	67	9.84	66	61.941	287	38.14	39	43.094	346	15.69	54	9.286	397	8.43	52
16.7	60.15	66	10.50	99	62.228	280	38.53	12	43.440	338	16.23	58	9.683	390	8.95	66
26.7	60.81	64	11.49	131	62.508	269	38.65	—16	43.778	327	16.81	61	10.073	377	9.61	79
Okt. 6.7	61.45	60	12.80	161	62.777	254	38.49	42	44.105	310	17.42	62	10.450	359	10.40	91
16.6	62.05	55	14.41	187	63.031	237	38.07	66	44.415	290	18.04	63	10.809	337	11.31	102
26.6	62.60	49	16.28	211	63.268	216	37.41	87	44.705	267	18.67	66	11.146	309	12.33	111
Nov. 5.6	63.09	43	18.39	230	63.484	191	36.54	103	44.972	238	19.33	66	11.455	275	13.44	120
15.6	63.52	35	20.69	244	63.675	161	35.51	114	45.210	202	19.99	68	11.730	235	14.64	126
25.5	63.87	26	23.13	252	63.836	129	34.37	120	45.412	164	20.67	69	11.965	189	15.90	131
Dez. 5.5	64.13	16	25.65	254	63.965	92	33.17	122	45.576	120	21.36	68	12.154	137	17.21	132
15.5	64.29	6	28.19	247	64.057	52	31.95	118	45.696	72	22.04	66	12.291	81	18.53	129
25.4	64.35	—4	30.66	233	64.109	11	30.77	112	45.768	21	22.70	62	12.372	22	19.82	122
35.4	64.31		32.99		64.120		29.65		45.789		23.32		12.394		21.04	
Mittl. Ort	53.24		18.74		58.724		26.22		39.069		14.73		4.881		11.52	
sec δ, tg δ	2.479		+2.268		1.001		+0.040		1.193		+0.650		1.383		+0.956	

Mittlere Zeit Greenw.	182) 10 Camelop. AR.		Dekl.		184) ι Tauri AR.		Dekl.		185) η Aurigae AR.		Dekl.		186) ε Leporis AR.		Dekl.	
1918	$4^h\,56^m$		+60° 19′		$4^h\,58^m$		+21° 28′		$5^h\,0^m$		+41° 7′		$5^h\,1^m$		−22° 28′	
Jan. 0.4	11.40	5	34.89	198	14.160	2	29.52	5	48.829	2	35.24	104	61.607	32	52.30	220
10.4	11.35	13	36.87	176	14.162	43	29.47	6	48.827	59	36.28	91	61.575	76	54.50	195
20.4	11.22	21	38.63	145	14.119	85	29.41	8	48.768	111	37.19	74	61.499	115	56.45	164
30.3	11.01	28	40.08	109	14.034	123	29.33	11	48.657	157	37.93	54	61.384	150	58.09	131
Feb. 9.3	10.73	32	41.17	69	13.911	153	29.22	16	48.500	194	38.47	30	61.234	178	59.40	95
19.3	10.41	36	41.86	25	13.758	173	29.06	22	48.306	218	38.77	4	61.056	196	60.35	57
März 1.3	10.05	37	42.11	19	13.585	183	28.84	26	48.088	231	38.81	21	60.860	205	60.92	20
11.2	9.68	37	41.92	63	13.402	181	28.58	31	47.857	229	38.60	47	60.655	204	61.12	17
21.2	9.31	34	41.29	103	13.221	169	28.27	34	47.628	213	38.13	70	60.451	193	60.95	54
31.2	8.97	29	40.26	139	13.052	146	27.93	36	47.415	185	37.43	90	60.258	173	60.41	89
Apr. 10.2	8.68	24	38.87	169	12.906	113	27.57	35	47.230	146	36.53	106	60.085	143	59.52	122
20.1	8.44	16	37.18	192	12.793	75	27.22	30	47.084	99	35.47	117	59.942	108	58.30	153
30.1	8.28	9	35.26	207	12.718	31	26.92	25	46.985	45	34.30	122	59.834	66	56.77	181
Mai 10.1	8.19	0	33.19	215	12.687	16	26.67	16	46.940	12	33.08	122	59.768	23	54.96	205
20.0	8.19	8	31.04	215	12.703	63	26.51	6	46.952	69	31.86	119	59.745	23	52.91	225
30.0	8.27	16	28.89	209	12.766	110	26.45	6	47.021	126	30.67	110	59.768	68	50.66	239
Juni 9.0	8.43	25	26.80	196	12.876	153	26.51	17	47.147	180	29.57	98	59.836	112	48.27	247
19.0	8.68	32	24.84	178	13.029	193	26.68	28	47.327	228	28.59	83	59.948	153	45.80	249
28.9	9.00	38	23.06	155	13.222	227	26.96	39	47.555	270	27.76	67	60.101	189	43.31	244
Juli 8.9	9.38	44	21.51	129	13.449	256	27.35	47	47.825	307	27.09	50	60.290	221	40.87	232
18.9	9.82	48	20.22	102	13.705	280	27.82	54	48.132	336	26.59	31	60.511	247	38.55	212
28.9	10.30	52	19.20	71	13.985	296	28.36	57	48.468	358	26.28	14	60.758	268	36.43	186
Aug. 7.8	10.82	54	18.49	41	14.281	308	28.93	58	48.826	373	26.14	3	61.026	283	34.57	153
17.8	11.36	56	18.08	9	14.589	314	29.51	57	49.199	382	26.17	19	61.309	293	33.04	114
27.8	11.92	57	17.99	21	14.903	317	30.08	51	49.581	385	26.36	33	61.602	297	31.90	70
Sept. 6.7	12.49	56	18.20	52	15.220	314	30.59	45	49.966	384	26.69	46	61.899	296	31.20	24
16.7	13.05	55	18.72	81	15.534	307	31.04	37	50.350	377	27.15	57	62.195	290	30.96	25
26.7	13.60	54	19.53	108	15.841	297	31.41	28	50.727	365	27.72	69	62.485	279	31.21	72
Okt. 6.7	14.14	51	20.61	134	16.138	284	31.69	20	51.092	349	28.41	78	62.764	265	31.93	119
16.6	14.65	47	21.95	158	16.422	267	31.89	11	51.441	329	29.19	87	63.029	244	33.12	160
26.6	15.12	43	23.53	179	16.689	246	32.00	4	51.770	302	30.06	96	63.273	221	34.72	195
Nov. 5.6	15.55	38	25.32	197	16.935	220	32.04	1	52.072	271	31.02	103	63.494	192	36.67	224
15.6	15.93	31	27.29	211	17.155	191	32.03	4	52.343	234	32.05	109	63.686	160	38.91	243
25.5	16.24	24	29.40	220	17.346	156	31.99	6	52.577	189	33.14	113	63.846	122	41.34	254
Dez. 5.5	16.48	17	31.60	223	17.502	116	31.93	6	52.766	140	34.27	115	63.968	81	43.88	256
15.5	16.65	9	33.83	220	17.618	73	31.87	6	52.906	86	35.42	114	64.049	38	46.44	249
25.4	16.74	0	36.03	209	17.691	28	31.81	5	52.992	30	36.56	108	64.087	7	48.93	232
35.4	16.74		38.12		17.719		31.76		53.022		37.64		64.080		51.25	
Mittl. Ort	7.03		26.43		11.570		26.11		45.698		29.35		59.366		49.42	
sec δ, tg δ	2.020		+1.755		1.075		+0.393		1.328		+0.873		1.082		−0.413	

Mittlere Zeit Greenw.	188) β Eridani				192) μ Aurigae				191) 19 H. Camelop.				194) β Orionis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$5^h 3^m$ s		−5° 11′ ″		$5^h 7^m$ s		+38° 23′ ″		$5^h 9^m$ s		+79° 8′ ″		$5^h 10^m$ s		−8° 17′ ″	
Jan. 0.4	51.365	7	30.26	147	51.930	9	23.84	90	11.03	22	32.40	279	38.066	5	44.96	164
10.4	51.358	49	31.73	131	51.939	48	24.74	80	10.81	44	35.19	253	38.061	46	46.60	147
20.4	51.309	88	33.04	112	51.891	99	25.54	66	10.37	63	37.72	217	38.015	87	48.07	125
30.4	51.221	122	34.16	91	51.792	144	26.20	49	9.74	80	39.89	172	37.928	123	49.32	102
Feb. 9.3	51.099	150	35.07	70	51.648	182	26.69	29	8.94	94	41.61	121	37.805	150	50.34	78
19.3	50.949	169	35.77	48	51.466	208	26.98	6	8.00	102	42.82	66	37.655	171	51.12	53
März 1.3	50.780	179	36.25	25	51.258	220	27.04	17	6.98	106	43.48	8	37.484	182	51.65	27
11.2	50.601	179	36.50	2	51.038	220	26.87	39	5.92	105	43.56	50	37.302	182	51.92	1
21.2	50.422	168	36.52	20	50.818	207	26.48	60	4.87	99	43.06	105	37.120	173	51.93	24
31.2	50.254	148	36.32	43	50.611	182	25.88	79	3.88	90	42.01	155	36.947	155	51.69	49
Apr. 10.2	50.106	120	35.89	65	50.429	145	25.09	92	2.98	76	40.46	198	36.792	127	51.20	73
20.1	49.986	86	35.24	86	50.284	100	24.17	102	2.22	59	38.48	234	36.665	93	50.47	97
30.1	49.900	46	34.38	107	50.184	49	23.15	108	1.63	39	36.14	261	36.572	54	49.50	118
Mai 10.1	49.854	4	33.31	126	50.135	5	22.07	108	1.24	19	33.53	278	36.518	12	48.32	139
20.1	49.850	40	32.05	142	50.140	60	20.99	104	1.05	2	30.75	287	36.506	31	46.93	156
30.0	49.890	82	30.63	156	50.200	114	19.95	96	1.07	23	27.88	286	36.537	73	45.37	170
Juni 9.0	49.972	123	29.07	165	50.314	166	18.99	85	1.30	44	25.02	278	36.610	115	43.67	180
19.0	50.095	161	27.42	171	50.480	214	18.14	72	1.74	64	22.24	261	36.725	153	41.87	185
28.9	50.256	194	25.71	172	50.694	255	17.42	58	2.38	81	19.63	238	36.878	187	40.02	185
Juli 8.9	50.450	223	23.99	168	50.949	290	16.84	42	3.19	96	17.25	210	37.065	216	38.17	179
18.9	50.673	246	22.31	157	51.239	318	16.42	26	4.15	110	15.15	176	37.281	240	36.38	168
28.9	50.919	264	20.74	142	51.557	342	16.16	11	5.25	122	13.39	140	37.521	260	34.70	150
Aug. 7.8	51.183	276	19.32	120	51.899	357	16.05	4	6.47	130	11.99	100	37.781	274	33.20	128
17.8	51.459	284	18.12	95	52.256	366	16.09	16	7.77	135	10.99	59	38.055	282	31.92	99
27.8	51.743	287	17.17	66	52.622	371	16.25	28	9.12	140	10.40	16	38.337	286	30.93	67
Sept. 6.8	52.030	286	16.51	33	52.993	370	16.53	38	10.52	140	10.24	26	38.623	287	30.26	32
16.7	52.316	281	16.18	2	53.363	365	16.91	47	11.92	139	10.50	69	38.910	282	29.94	5
26.7	52.597	271	16.20	36	53.728	356	17.38	56	13.31	136	11.19	110	39.192	274	29.99	42
Okt. 6.7	52.868	259	16.56	69	54.084	341	17.94	63	14.67	128	12.29	150	39.466	262	30.41	78
16.6	53.127	242	17.25	99	54.425	323	18.57	70	15.95	120	13.79	188	39.728	247	31.19	111
26.6	53.369	222	18.24	125	54.748	298	19.27	77	17.15	107	15.67	222	39.975	226	32.30	139
Nov. 5.6	53.591	198	19.49	145	55.046	269	20.04	84	18.22	93	17.89	251	40.201	202	33.69	161
15.6	53.789	169	20.94	160	55.315	234	20.88	89	19.15	77	20.40	275	40.403	174	35.30	177
25.5	53.958	136	22.54	167	55.549	192	21.77	94	19.92	57	23.15	292	40.577	140	37.07	186
Dez. 5.5	54.094	99	24.21	169	55.741	145	22.71	96	20.49	36	26.07	301	40.717	103	38.93	188
15.5	54.193	58	25.90	165	55.886	93	23.67	97	20.85	14	29.08	301	40.820	62	40.81	184
25.5	54.251	17	27.55	155	55.979	39	24.64	93	20.99	9	32.09	290	40.882	20	42.65	173
35.4	54.268		29.10		56.018		25.57		20.90		34.99		40.902		44.38	
Mittl. Ort	49.070		29.61		48.878		18.86		0.84		23.97		35.773		43.77	
sec δ, tg δ	1.004		−0.091		1.276		+0.792		5.307		+5.211		1.011		−0.146	

Mittlere Zeit Greenw.	193) α Aurigae				196) ϑ Doradus				201) γ Orionis				202) β Tauri			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	5h 10m		+45° 54′		5h 13m		−67° 16′		5h 20m		+6° 16′		5h 21m		+28° 32′	
	s		″		s		″		s		″		s		″	
Jan. 0.4	41.101	6	63.00	130	52.27	27	45.20	312	46.357	17	34.97	92	9.223	25	24.52	34
10.4	41.107	57	64.30	117	52.00	36	48.32	275	46.374	28	34.05	83	9.248	26	24.86	32
20.4	41.050	115	65.47	98	51.64	44	51.07	230	46.346	69	33.22	71	9.222	74	25.18	28
30.4	40.935	167	66.45	76	51.20	52	53.37	180	46.277	107	32.51	60	9.148	117	25.46	20
Feb. 9.3	40.768	208	67.21	48	50.68	56	55.17	127	46.170	138	31.91	48	9.031	153	25.66	10
19.3	40.560	237	67.69	19	50.12	59	56.44	71	46.032	161	31.43	37	8.878	179	25.76	1
März 1.3	40.323	252	67.88	11	49.53	62	57.15	16	45.871	174	31.06	25	8.699	193	25.75	13
11.2	40.071	252	67.77	42	48.91	61	57.31	39	45.697	176	30.81	14	8.506	196	25.62	25
21.2	39.819	238	67.35	71	48.30	58	56.92	92	45.521	168	30.67	3	8.310	187	25.37	37
31.2	39.581	210	66.64	95	47.72	55	56.00	142	45.353	150	30.64	10	8.123	167	25.00	46
Apr. 10.2	39.371	169	65.69	117	47.17	50	54.58	189	45.203	124	30.74	22	7.956	136	24.54	54
20.1	39.202	120	64.52	132	46.67	43	52.69	230	45.079	90	30.96	36	7.820	98	24.00	57
30.1	39.082	64	63.20	142	46.24	35	50.39	267	44.989	52	31.32	49	7.722	53	23.43	58
Mai 10.1	39.018	4	61.78	147	45.89	26	47.72	296	44.937	10	31.81	63	7.669	6	22.85	55
20.1	39.014	59	60.31	145	45.63	17	44.76	319	44.927	34	32.44	77	7.663	43	22.30	49
30.0	39.073	119	58.86	140	45.46	7	41.57	335	44.961	76	33.21	88	7.706	92	21.81	42
Juni 9.0	39.192	177	57.46	129	45.39	2	38.22	340	45.037	118	34.09	98	7.798	139	21.39	33
19.0	39.369	230	56.17	116	45.41	13	34.82	338	45.155	155	35.07	106	7.937	181	21.06	23
28.9	39.599	277	55.01	99	45.54	22	31.44	326	45.310	190	36.13	109	8.118	219	20.83	12
Juli 8.9	39.876	318	54.02	81	45.76	30	28.18	306	45.500	219	37.22	111	8.337	252	20.71	3
18.9	40.194	350	53.21	62	46.06	39	25.12	275	45.719	242	38.33	108	8.589	279	20.68	7
28.9	40.544	377	52.59	42	46.45	46	22.37	235	45.961	262	39.41	100	8.868	300	20.75	15
Aug. 7.8	40.921	396	52.17	22	46.91	51	20.02	188	46.223	277	40.41	88	9.168	316	20.90	20
17.8	41.317	407	51.95	3	47.42	55	18.14	134	46.500	285	41.29	72	9.484	326	21.10	24
27.8	41.724	414	51.92	15	47.97	59	16.80	74	46.785	290	42.01	54	9.810	332	21.34	26
Sept. 6.8	42.138	414	52.07	33	48.56	59	16.06	11	47.075	292	42.55	32	10.142	333	21.60	26
16.7	42.552	408	52.40	49	49.15	59	15.95	54	47.367	289	42.87	8	10.475	330	21.86	26
26.7	42.960	399	52.89	65	49.74	57	16.49	119	47.656	284	42.95	16	10.805	324	22.12	24
Okt. 6.7	43.359	383	53.54	80	50.31	52	17.68	180	47.940	273	42.79	38	11.129	313	22.36	23
16.6	43.742	361	54.34	93	50.83	47	19.48	236	48.213	260	42.41	60	11.442	299	22.59	22
26.6	44.103	335	55.27	106	51.30	39	21.84	283	48.473	243	41.81	78	11.741	279	22.81	22
Nov. 5.6	44.438	302	56.33	118	51.69	31	24.67	321	48.716	220	41.03	92	12.020	255	23.03	23
15.6	44.740	261	57.51	128	52.00	22	27.88	347	48.936	193	40.11	102	12.275	225	23.26	25
25.5	45.001	215	58.79	135	52.22	11	31.35	362	49.129	162	39.09	107	12.500	189	23.51	28
Dez. 5.5	45.216	161	60.14	140	52.33	1	34.97	363	49.291	125	38.02	107	12.689	148	23.79	31
15.5	45.377	101	61.54	140	52.34	10	38.60	353	49.416	84	36.95	105	12.837	102	24.10	33
25.5	45.478	40	62.94	135	52.24	21	42.13	331	49.500	41	35.90	98	12.939	53	24.43	34
35.4	45.518		64.29		52.03		45.44		49.541		34.92		12.992		24.77	
Mittl. Ort	37.724		57.41		49.00		39.22		43.931		34.69		6.425		21.69	
sec δ, tg δ	1.437		+1.032		2.589		−2.388		1.006		+0.110		1.138		+0.544	

Mittlere Zeit Greenw.	203) 17 Camelop. AR.	Δ	Dekl.	Δ	206) δ Orionis AR.	Δ	Dekl.	Δ	205) Gr. 966 AR.	Δ	Dekl.	Δ	207) α Leporis AR.	Δ	Dekl.	Δ
1918	$5^h 22^m$		$+62° 59'$		$5^h 27^m$		$-0° 21'$		$5^h 28^m$		$+74° 59'$		$5^h 29^m$		$-17° 52'$	
Jan. 0.4	30.06	0	67.59	219	51.365	19	32.77	130	52.89	6	37.14	270	9.080	0	51.13	217
10.4	30.06	11	69.78	201	51.384	$\overline{26}$	34.07	117	52.83	23	39.84	250	9.080	45	53.30	194
20.4	29.95	19	71.79	175	51.358	69	35.24	101	52.60	38	42.34	220	9.035	88	55.24	167
30.4	29.76	27	73.54	141	51.289	106	36.25	83	52.22	52	44.54	182	8.947	126	56.91	139
Feb. 9.3	29.49	34	74.95	103	51.183	137	37.08	66	51.70	63	46.36	136	8.821	158	58.30	106
19.3	29.15	38	75.98	59	51.046	161	37.74	48	51.07	70	47.72	85	8.663	181	59.36	72
März 1.3	28.77	41	76.57	14	50.885	175	38.22	29	50.37	75	48.57	31	8.482	195	60.08	39
11.3	28.36	41	76.71	$\overline{33}$	50.710	178	38.51	11	49.62	76	48.88	$\overline{24}$	8.287	198	60.47	5
21.2	27.95	40	76.38	77	50.532	172	38.62	$\overline{6}$	48.86	73	48.64	78	8.089	192	60.52	$\overline{29}$
31.2	27.55	35	75.61	117	50.360	155	38.56	25	48.13	67	47.86	127	7.897	175	60.23	62
Apr. 10.2	27.20	30	74.44	153	50.205	130	38.31	43	47.46	58	46.59	172	7.722	150	59.61	92
20.1	26.90	23	72.91	182	50.075	98	37.88	61	46.88	46	44.87	209	7.572	118	58.69	122
30.1	26.67	14	71.09	205	49.977	60	37.27	78	46.42	33	42.78	238	7.454	81	57.47	149
Mai 10.1	26.53	6	69.04	218	49.917	20	36.49	94	46.09	18	40.40	259	7.373	40	55.98	173
20.1	26.47	$\overline{3}$	66.86	226	49.897	$\overline{23}$	35.55	110	45.91	3	37.81	270	7.333	$\overline{4}$	54.25	194
30.0	26.50	11	64.60	226	49.920	65	34.45	123	45.88	$\overline{12}$	35.11	275	7.337	47	52.31	209
Juni 9.0	26.61	21	62.34	218	49.985	105	33.22	133	46.00	28	32.36	270	7.384	90	50.22	220
19.0	26.82	30	60.16	206	50.090	144	31.89	140	46.28	42	29.66	259	7.474	129	48.02	225
29.0	27.12	36	58.10	189	50.234	178	30.49	142	46.70	55	27.07	241	7.603	166	45.77	223
Juli 8.9	27.48	43	56.21	166	50.412	207	29.07	140	47.25	68	24.66	217	7.769	199	43.54	216
18.9	27.91	49	54.55	141	50.619	233	27.67	134	47.93	78	22.49	188	7.968	226	41.38	201
28.9	28.40	53	53.14	112	50.852	253	26.33	122	48.71	86	20.61	156	8.194	249	39.37	179
Aug. 7.8	28.93	56	52.02	83	51.105	268	25.11	105	49.57	93	19.05	120	8.443	267	37.58	150
17.8	29.49	59	51.19	52	51.373	278	24.06	84	50.50	99	17.85	83	8.710	280	36.08	116
27.8	30.08	61	50.67	20	51.651	285	23.22	59	51.49	102	17.02	44	8.990	287	34.92	78
Sept. 6.8	30.69	62	50.47	$\overline{12}$	51.936	287	22.63	31	52.51	104	16.58	5	9.277	291	34.14	35
16.7	31.31	61	50.59	43	52.223	286	22.32	2	53.55	104	16.53	$\overline{36}$	9.568	290	33.79	$\overline{11}$
26.7	31.92	59	51.02	75	52.509	281	22.30	$\overline{29}$	54.59	102	16.89	76	9.858	285	33.90	56
Okt. 6.7	32.51	58	51.77	104	52.790	272	22.59	58	55.61	98	17.65	115	10.143	274	34.46	99
16.7	33.09	55	52.81	132	53.062	259	23.17	85	56.59	93	18.80	152	10.417	260	35.45	140
26.6	33.64	50	54.13	159	53.321	242	24.02	108	57.52	85	20.32	186	10.677	241	36.85	176
Nov. 5.6	34.14	45	55.72	183	53.563	221	25.10	127	58.37	76	22.18	217	10.918	216	38.61	205
15.6	34.59	39	57.55	203	53.784	194	26.37	140	59.13	64	24.35	244	11.134	187	40.66	225
25.5	34.98	32	59.58	219	53.978	163	27.77	148	59.77	51	26.79	264	11.321	152	42.91	238
Dez. 5.5	35.30	23	61.77	228	54.141	126	29.25	149	60.28	37	29.43	278	11.473	113	45.29	242
15.5	35.53	14	64.05	230	54.267	86	30.74	145	60.65	20	32.21	283	11.586	71	47.71	239
25.5	35.67	4	66.35	226	54.353	42	32.19	137	60.85	3	35.04	278	11.657	26	50.10	226
35.4	35.71		68.61		54.395		33.56		60.88		37.82		11.683		52.36	
Mittl. Ort	25.23		61.62		48.988		32.07		45.04		31.12		6.782		48.70	
sec δ, tg δ	2.203		+1.963		1.000		−0.006		3.862		+3.730		1.051		−0.323	

Mittlere Zeit Greenw.	209) ι Orionis AR.		209) ι Orionis Dekl.		210) ε Orionis AR.		210) ε Orionis Dekl.		211) ζ Tauri AR.		211) ζ Tauri Dekl.		212) β Doradus AR.		212) β Doradus Dekl.	
1918	5h 31m		−5° 57′		5h 32m		−1° 15′		5h 32m		+21° 5′		5h 32m		−62° 32′	
Jan. 0.5	27.635	16	47.73	160	5.490	21	13.09	137	47.257	36	38.24	9	57.71	16	40.82	328
10.4	27.651	28	49.33	144	5.511	23	14.46	122	47.293	14	38.15	6	57.55	26	44.10	295
20.4	27.623	70	50.77	125	5.488	66	15.68	105	47.279	60	38.09	5	57.29	32	47.05	255
30.4	27.553	109	52.02	104	5.422	104	16.73	88	47.219	103	38.04	4	56.97	39	49.60	208
Feb. 9.3	27.444	140	53.06	80	5.318	136	17.61	69	47.116	138	38.00	6	56.58	45	51.68	156
19.3	27.304	164	53.86	57	5.182	160	18.30	50	46.978	165	37.94	9	56.13	48	53.24	102
März 1.3	27.140	178	54.43	34	5.022	175	18.80	31	46.813	181	37.85	14	55.65	49	54.26	47
11.3	26.962	182	54.77	11	4.847	179	19.11	12	46.632	185	37.71	17	55.16	51	54.73	7
21.2	26.780	176	54.88	14	4.668	173	19.23	7	46.447	179	37.54	21	54.65	49	54.66	61
31.2	26.604	161	54.74	36	4.495	157	19.16	26	46.268	162	37.33	24	54.16	46	54.05	112
Apr. 10.2	26.443	136	54.38	58	4.338	133	18.90	45	46.106	135	37.09	24	53.70	42	52.93	161
20.2	26.307	104	53.80	81	4.205	101	18.45	63	45.971	100	36.85	24	53.28	37	51.32	205
30.1	26.203	68	52.99	101	4.104	64	17.82	81	45.871	60	36.61	20	52.91	31	49.27	244
Mai 10.1	26.135	27	51.98	120	4.040	24	17.01	98	45.811	16	36.41	16	52.60	24	46.83	278
20.1	26.108	15	50.78	137	4.016	18	16.03	113	45.795	30	36.25	8	52.36	15	44.05	304
30.0	26.123	57	49.41	152	4.034	61	14.90	126	45.825	76	36.17	0	52.21	8	41.01	323
Juni 9.0	26.180	97	47.89	161	4.095	101	13.64	137	45.901	119	36.17	8	52.13	0	37.78	334
19.0	26.277	136	46.28	168	4.196	139	12.27	143	46.020	160	36.25	16	52.13	9	34.44	337
29.0	26.413	171	44.60	169	4.335	173	10.84	145	46.180	196	36.41	24	52.22	17	31.07	329
Juli 8.9	26.584	201	42.91	165	4.508	204	9.39	144	46.376	228	36.65	30	52.39	24	27.78	312
18.9	26.785	227	41.26	156	4.712	229	7.95	136	46.604	255	36.95	34	52.63	31	24.66	286
28.9	27.012	248	39.70	141	4.941	250	6.59	124	46.859	275	37.29	37	52.94	38	21.80	251
Aug. 7.9	27.260	264	38.29	121	5.191	265	5.35	107	47.134	292	37.66	36	53.32	42	19.29	207
17.8	27.524	276	37.08	95	5.456	277	4.28	86	47.426	304	38.02	33	53.74	46	17.22	156
27.8	27.800	283	36.13	65	5.733	284	3.42	59	47.730	310	38.35	28	54.20	49	15.66	97
Sept. 6.8	28.083	286	35.48	32	6.017	286	2.83	31	48.040	314	38.63	20	54.69	51	14.69	35
16.7	28.369	285	35.16	2	6.303	286	2.52	0	48.354	312	38.83	12	55.20	51	14.34	30
26.7	28.654	280	35.18	38	6.589	282	2.52	30	48.666	308	38.95	4	55.71	50	14.64	95
Okt. 6.7	28.934	272	35.56	72	6.871	273	2.82	61	48.974	300	38.99	5	56.21	47	15.59	157
16.7	29.206	260	36.28	104	7.144	261	3.43	89	49.274	288	38.94	13	56.68	43	17.16	216
26.6	29.466	242	37.32	132	7.405	245	4.32	114	49.562	272	38.81	18	57.11	38	19.32	268
Nov. 5.6	29.708	220	38.64	154	7.650	223	5.46	132	49.834	250	38.63	23	57.49	31	22.00	309
15.6	29.928	193	40.18	170	7.873	197	6.78	145	50.084	222	38.40	23	57.80	24	25.09	341
25.6	30.121	162	41.88	179	8.070	166	8.23	154	50.306	190	38.17	23	58.04	15	28.50	359
Dez. 5.5	30.283	125	43.67	181	8.236	130	9.77	155	50.496	152	37.94	20	58.19	7	32.09	367
15.5	30.408	85	45.48	178	8.366	89	11.32	152	50.648	108	37.74	16	58.26	2	35.76	361
25.5	30.493	41	47.26	169	8.455	46	12.84	144	50.756	61	37.58	12	58.24	12	39.37	344
35.4	30.534		48.95		8.501		14.28		50.817		37.46		58.12		42.81	
Mittl. Ort	25.290		46.37		3.113		12.18		44.595		36.97		54.69		35.83	
sec δ, tg δ	1.005		−0.104		1.000		−0.022		1.072		+0.386		2.169		−1.925	

Mittlere Zeit Greenw.	215) α Columbae				216) ο Aurigae				219) ζ Leporis				220) κ Orionis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	5h 36m		−34° 6′		5h 39m		+49° 47′		5h 43m		−14° 50′		5h 43m		−9° 41′	
	s		″		s		″		s		″		s		″	
Jan. 0.5	43.073	23	65.68	281	36.475	41	33.73	156	16.692	17	68.29	208	54.368	24	54.29	184
10.4	43.050	74	68.49	254	36.516	29	35.29	147	16.709	29	70.37	189	54.392	22	56.13	166
20.4	42.976	121	71.03	221	36.487	97	36.76	132	16.680	73	72.26	165	54.370	65	57.79	145
30.4	42.855	164	73.24	183	36.390	157	38.08	110	16.607	113	73.91	138	54.305	105	59.24	121
Feb. 9.3	42.691	199	75.07	140	36.233	208	39.18	84	16.494	146	75.29	107	54.200	139	60.45	95
19.3	42.492	224	76.47	97	36.025	247	40.02	54	16.348	172	76.36	77	54.061	164	61.40	68
März 1.3	42.268	240	77.44	51	35.778	270	40.56	20	16.176	187	77.13	45	53.897	180	62.08	41
11.3	42.028	245	77.95	6	35.508	279	40.76	13	15.989	193	77.58	14	53.717	187	62.49	14
21.2	41.783	238	78.01	39	35.229	270	40.63	47	15.796	189	77.72	17	53.530	182	62.63	12
31.2	41.545	222	77.62	82	34.959	247	40.16	77	15.607	175	77.55	48	53.348	168	62.51	39
Apr. 10.2	41.323	196	76.80	123	34.712	211	39.39	105	15.432	153	77.07	77	53.180	146	62.12	64
20.2	41.127	163	75.57	161	34.501	163	38.34	128	15.279	122	76.30	105	53.034	115	61.48	88
30.1	40.964	123	73.96	195	34.338	108	37.06	145	15.157	86	75.25	130	52.919	81	60.60	111
Mai 10.1	40.841	79	72.01	225	34.230	47	35.61	156	15.071	47	73.95	154	52.838	41	59.49	133
20.1	40.762	31	69.76	250	34.183	18	34.05	162	15.024	5	72.41	175	52.797	1	58.16	151
30.0	40.731	17	67.26	268	34.201	83	32.43	163	15.019	38	70.66	190	52.798	42	56.65	165
Juni 9.0	40.748	64	64.58	280	34.284	145	30.80	159	15.057	79	68.76	201	52.840	84	55.00	177
19.0	40.812	111	61.78	285	34.429	203	29.21	149	15.136	118	66.75	208	52.924	122	53.23	183
29.0	40.923	154	58.93	281	34.632	256	27.72	137	15.254	155	64.67	208	53.046	157	51.40	184
Juli 8.9	41.077	192	56.12	269	34.888	304	26.35	122	15.409	188	62.59	202	53.203	189	49.56	180
18.9	41.269	227	53.43	250	35.192	344	25.13	105	15.597	215	60.57	190	53.392	216	47.76	169
28.9	41.496	257	50.93	221	35.536	376	24.08	86	15.812	239	58.67	170	53.608	239	46.07	153
Aug. 7.9	41.753	280	48.72	185	35.912	403	23.22	65	16.051	258	56.97	145	53.847	257	44.54	130
17.8	42.033	299	46.87	142	36.315	422	22.57	46	16.309	273	55.52	114	54.104	271	43.24	103
27.8	42.332	311	45.45	94	36.737	436	22.11	25	16.582	282	54.38	77	54.375	280	42.21	70
Sept. 6.8	42.643	318	44.51	40	37.173	442	21.86	4	16.864	287	53.61	37	54.655	286	41.51	35
16.7	42.961	319	44.11	15	37.615	443	21.82	15	17.151	289	53.24	5	54.941	286	41.16	4
26.7	43.280	313	44.26	72	38.058	438	21.97	35	17.440	286	53.29	48	55.227	284	41.20	42
Okt. 6.7	43.593	302	44.98	126	38.496	428	22.32	55	17.726	278	53.77	91	55.511	277	41.62	81
16.7	43.895	284	46.24	177	38.924	411	22.87	75	18.004	267	54.68	129	55.788	266	42.43	115
26.6	44.179	261	48.01	222	39.335	387	23.62	93	18.271	250	55.97	164	56.054	249	43.58	146
Nov. 5.6	44.440	231	50.23	259	39.722	355	24.55	110	18.521	227	57.61	193	56.303	229	45.04	172
15.6	44.671	196	52.82	287	40.077	315	25.65	127	18.748	200	59.54	213	56.532	203	46.76	190
25.6	44.867	154	55.69	304	40.392	267	26.92	141	18.948	168	61.67	226	56.735	171	48.66	202
Dez. 5.5	45.021	108	58.73	311	40.659	211	28.33	152	19.116	130	63.93	232	56.906	134	50.68	205
15.5	45.129	59	61.84	307	40.870	147	29.85	158	19.246	88	66.25	229	57.040	94	52.73	202
25.5	45.188	7	64.91	294	41.017	80	31.43	158	19.334	43	68.54	218	57.134	49	54.75	193
35.4	45.195		67.85		41.097		33.01		19.377		70.72		57.183		56.68	
Mittl. Ort	40.721		62.06		32.798		30.48		14.366		66.00		52.024		52.38	
sec δ, tg δ	1.208		−0.677		1.549		+1.183		1.035		−0.265		1.015		−0.171	

Mittlere Zeit Greenw.	224) α Orionis				225) δ Aurigae				227) β Aurigae				228) ϑ Aurigae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	5h 50m		+7° 23′		5h 52m		+54° 16′		5h 53m		+44° 56′		5h 54m		+37° 12′	
Jan. 0.5	46.405	45	33.36	93	50.525	59	50.07	180	34.270	61	27.14	129	10.892	62	30.11	85
10.4	46.450	2	32.43	82	50.584	20	51.87	173	34.331	4	28.43	126	10.954	3	30.96	84
20.4	46.448	47	31.61	71	50.564	95	53.60	158	34.327	68	29.69	116	10.957	54	31.80	78
30.4	46.401	89	30.90	58	50.469	165	55.18	136	34.259	126	30.85	100	10.903	107	32.58	69
Feb. 9.4	46.312	124	30.32	46	50.304	223	56.54	108	34.133	176	31.85	81	10.796	151	33.27	55
19.3	46.188	152	29.86	35	50.081	269	57.62	76	33.957	214	32.66	55	10.645	186	33.82	37
März 1.3	46.036	169	29.51	24	49.812	299	58.38	39	33.743	240	33.21	28	10.459	210	34.19	18
11.3	45.867	177	29.27	14	49.513	311	58.77	1	33.503	251	33.49	1	10.249	219	34.37	3
21.2	45.690	174	29.13	3	49.202	306	58.78	37	33.252	247	33.48	29	10.030	216	34.34	25
31.2	45.516	161	29.10	7	48.896	285	58.41	72	33.005	229	33.19	57	9.814	201	34.09	44
Apr. 10.2	45.355	139	29.17	18	48.611	249	57.69	105	32.776	198	32.62	82	9.613	173	33.65	61
20.2	45.216	108	29.35	29	48.362	200	56.64	133	32.578	158	31.80	102	9.440	136	33.04	76
30.1	45.108	73	29.64	41	48.162	141	55.31	155	32.420	109	30.78	118	9.304	92	32.28	87
Mai 10.1	45.035	33	30.05	52	48.021	76	53.76	171	32.311	53	29.60	130	9.212	43	31.41	94
20.1	45.002	8	30.57	64	47.945	6	52.05	182	32.258	4	28.30	136	9.169	8	30.47	96
30.1	45.010	50	31.21	74	47.939	63	50.23	186	32.262	62	26.94	138	9.177	61	29.51	96
Juni 9.0	45.060	91	31.95	83	48.002	132	48.37	185	32.324	119	25.56	136	9.238	111	28.55	92
19.0	45.151	130	32.78	89	48.134	197	46.52	178	32.443	173	24.20	129	9.349	159	27.63	86
29.0	45.281	164	33.67	94	48.331	257	44.74	168	32.616	223	22.91	119	9.508	203	26.77	78
Juli 8.9	45.445	196	34.61	94	48.588	311	43.06	154	32.839	266	21.72	108	9.711	242	25.99	69
18.9	45.641	223	35.55	92	48.899	357	41.52	136	33.105	304	20.64	95	9.953	275	25.30	58
28.9	45.864	244	36.47	85	49.256	397	40.16	117	33.409	336	19.69	80	10.228	303	24.72	48
Aug. 7.9	46.108	262	37.32	74	49.653	429	38.99	96	33.745	361	18.89	65	10.531	326	24.24	38
17.8	46.370	276	38.06	59	50.082	454	38.03	73	34.106	381	18.24	49	10.857	342	23.86	28
27.8	46.646	285	38.65	41	50.536	471	37.30	50	34.487	395	17.75	33	11.199	354	23.58	19
Sept. 6.8	46.931	291	39.06	21	51.007	482	36.80	27	34.882	404	17.42	19	11.553	362	23.39	12
16.8	47.222	292	39.27	1	51.489	487	36.53	3	35.286	407	17.23	3	11.915	366	23.27	3
26.7	47.514	292	39.26	24	51.976	485	36.50	22	35.693	406	17.20	13	12.281	364	23.24	4
Okt. 6.7	47.806	286	39.02	46	52.461	476	36.72	46	36.099	400	17.33	28	12.645	359	23.28	12
16.7	48.092	277	38.56	67	52.937	460	37.18	70	36.499	386	17.61	44	13.004	348	23.40	21
26.6	48.369	263	37.89	84	53.397	436	37.88	93	36.885	368	18.05	60	13.352	332	23.61	31
Nov. 5.6	48.632	245	37.05	97	53.833	403	38.81	116	37.253	342	18.65	76	13.684	309	23.92	40
15.6	48.877	220	36.08	107	54.236	360	39.97	137	37.595	308	19.41	92	13.993	280	24.32	51
25.6	49.097	191	35.01	111	54.596	308	41.34	155	37.903	266	20.33	105	14.273	243	24.83	61
Dez. 5.5	49.288	155	33.90	111	54.904	247	42.89	169	38.169	216	21.38	117	14.516	199	25.44	71
15.5	49.443	114	32.79	106	55.151	178	44.58	178	38.385	159	22.55	125	14.715	148	26.15	79
25.5	49.557	71	31.73	99	55.329	102	46.36	182	38.544	97	23.80	130	14.863	93	26.94	83
35.5	49.628		30.74		55.431		48.18		38.641		25.10		14.956		27.77	
Mittl. Ort	43.919		34.21		46.505		47.84		30.833		25.54		7.777		29.07	
sec δ, tg δ	1.008		+0.130		1.713		+1.391		1.413		+0.998		1.256		+0.759	

Mittlere Zeit Greenw.	229) η Columbae AR.		Dekl.		232) ν Orionis AR.		Dekl.		234) 22 H. Camelop. AR.		Dekl.		236) η Geminorum AR.		Dekl.	
1918	$5^h\ 56^m$		−42° 48′		$6^h\ 2^m$		+14° 46′		$6^h\ 9^m$		+69° 20′		$6^h\ 9^m$		+22° 31′	
	s		″		s		″		s		″		s		″	
Jan. 0.5	40.672	22	73.00	318	56.010	61	44.22	52	54.95	9	64.01	253	58.424	73	53.24	6
10.4	40.650	82	76.18	291	56.071	13	43.70	43	55.04	4	66.54	245	58.497	21	53.18	1
20.4	40.568	136	79.09	258	56.084	36	43.27	35	55.00	17	68.99	228	58.518	30	53.19	6
30.4	40.432	185	81.67	218	56.048	80	42.92	27	54.83	28	71.27	201	58.488	77	53.25	9
Feb. 9.4	40.247	226	83.85	174	55.968	118	42.65	21	54.55	38	73.28	165	58.411	119	53.34	9
19.3	40.021	258	85.59	126	55.850	149	42.44	15	54.17	46	74.93	124	58.292	152	53.43	7
März 1.3	39.763	278	86.85	77	55.701	169	42.29	13	53.71	51	76.17	77	58.140	174	53.50	4
11.3	39.485	287	87.62	28	55.532	179	42.16	9	53.20	54	76.94	28	57.966	186	53.54	2
21.3	39.198	284	87.90	22	55.353	178	42.07	6	52.66	55	77.22	23	57.780	186	53.52	7
31.2	38.914	270	87.68	69	55.175	167	42.01	4	52.11	51	76.99	72	57.594	176	53.45	13
Apr. 10.2	38.644	246	86.99	115	55.008	145	41.97	0	51.60	47	76.27	118	57.418	154	53.32	17
20.2	38.398	213	85.84	158	54.863	116	41.97	4	51.13	39	75.09	158	57.264	124	53.15	20
30.1	38.185	172	84.26	196	54.747	81	42.01	9	50.74	31	73.51	192	57.140	89	52.95	21
Mai 10.1	38.013	126	82.30	231	54.666	40	42.10	16	50.43	21	71.59	219	57.051	47	52.74	21
20.1	37.887	77	79.99	260	54.626	1	42.26	23	50.22	11	69.40	239	57.004	4	52.53	18
30.1	37.810	25	77.39	281	54.627	43	42.49	30	50.11	1	67.01	252	57.000	40	52.35	14
Juni 9.0	37.785	28	74.58	297	54.670	86	42.79	37	50.12	12	64.49	256	57.040	84	52.21	10
19.0	37.813	79	71.61	305	54.756	125	43.16	43	50.24	23	61.93	254	57.124	125	52.11	5
29.0	37.892	129	68.56	303	54.881	161	43.59	48	50.47	33	59.39	246	57.249	163	52.06	0
Juli 9.0	38.021	175	65.53	293	55.042	193	44.07	50	50.80	42	56.93	231	57.412	197	52.06	4
18.9	38.196	217	62.60	274	55.235	221	44.57	50	51.22	51	54.62	213	57.609	227	52.10	7
28.9	38.413	254	59.86	246	55.456	245	45.07	47	51.73	58	52.49	189	57.836	252	52.17	7
Aug. 7.9	38.667	286	57.40	209	55.701	264	45.54	41	52.31	64	50.60	161	58.088	273	52.24	6
17.9	38.953	312	55.31	165	55.965	280	45.95	32	52.95	70	48.99	132	58.361	289	52.30	4
27.8	39.265	331	53.66	115	56.245	290	46.27	21	53.65	73	47.67	100	58.650	302	52.34	1
Sept. 6.8	39.596	344	52.51	58	56.535	298	46.48	7	54.38	76	46.67	65	58.952	311	52.33	8
16.8	39.940	350	51.93	2	56.833	301	46.55	7	55.14	78	46.02	30	59.263	315	52.25	14
26.7	40.290	348	51.95	63	57.134	303	46.48	23	55.92	78	45.72	7	59.578	318	52.11	22
Okt. 6.7	40.638	338	52.58	122	57.437	299	46.25	37	56.70	76	45.79	43	59.896	316	51.89	28
16.7	40.976	322	53.80	179	57.736	291	45.88	51	57.46	75	46.22	81	60.212	309	51.61	34
26.7	41.298	298	55.59	229	58.027	280	45.37	62	58.21	71	47.03	116	60.521	297	51.27	38
Nov. 5.6	41.596	266	57.88	272	58.307	262	44.75	69	58.92	65	48.19	150	60.818	281	50.89	38
15.6	41.862	225	60.60	306	58.569	239	44.06	73	59.57	58	49.69	183	61.099	258	50.51	37
25.6	42.087	180	63.66	328	58.808	210	43.33	74	60.15	50	51.52	210	61.357	227	50.14	32
Dez. 5.5	42.267	127	66.94	340	59.018	174	42.59	71	60.65	40	53.62	232	61.584	190	49.82	26
15.5	42.394	71	70.34	340	59.192	133	41.88	65	61.05	28	55.94	246	61.774	148	49.56	19
25.5	42.465	12	73.74	330	59.325	88	41.23	57	61.33	17	58.40	254	61.922	100	49.37	10
35.5	42.477		77.04		59.413		40.66		61.50		60.94		62.022		49.27	
Mittl. Ort	38.199		69.45		53.415		45.18		48.80		62.90		55.688		54.21	
sec δ, tg δ	1.363		−0.927		1.034		+0.264		2.836		+2.654		1.083		+0.415	

Mittlere Zeit Greenw.	240) ζ Canis maj. AR.		Dekl.		241) μ Geminorum AR.		Dekl.		242) ψ^1 Aurigae AR.		Dekl.		243) β Canis maj. AR.		Dekl.	
1918	$6^h\ 17^m$		−30° 1′		$6^h\ 18^m$		+22° 33′		$6^h\ 18^m$		+49° 19′		$6^h\ 19^m$		−17° 54′	
	s		″		s		″		s		″		s		″	
Jan. 0.5	12.255	29	37.05	289	2.758	81	23.12	7	38.775	97	51.75	154	7.650	49	54.33	238
10.5	12.284	23	39.94	268	2.839	29	23.05	0	38.872	25	53.29	153	7.699	1	56.71	220
20.4	12.261	74	42.62	240	2.868	23	23.05	6	38.897	47	54.82	146	7.698	48	58.91	196
30.4	12.187	120	45.02	206	2.845	70	23.11	10	38.850	114	56.28	132	7.650	93	60.87	168
Feb. 9.4	12.067	160	47.08	168	2.775	113	23.21	11	38.736	172	57.60	113	7.557	131	62.55	136
19.3	11.907	192	48.76	129	2.662	148	23.32	10	38.564	219	58.73	87	7.426	162	63.91	104
März 1.3	11.715	214	50.05	87	2.514	171	23.42	6	38.345	254	59.60	58	7.264	184	64.95	70
11.3	11.501	227	50.92	44	2.343	185	23.48	2	38.091	272	60.18	26	7.080	195	65.65	37
21.3	11.274	228	51.36	2	2.158	187	23.50	4	37.819	274	60.44	7	6.885	197	66.02	3
31.2	11.046	218	51.38	39	1.971	177	23.46	10	37.545	261	60.37	40	6.688	188	66.05	31
Apr. 10.2	10.828	200	50.99	80	1.794	157	23.36	15	37.284	235	59.97	71	6.500	171	65.74	63
20.2	10.628	173	50.19	118	1.637	129	23.21	18	37.049	197	59.26	98	6.329	146	65.11	93
30.2	10.455	140	49.01	153	1.508	93	23.03	19	36.852	148	58.28	120	6.183	114	64.18	121
Mai 10.1	10.315	102	47.48	185	1.415	54	22.84	20	36.704	93	57.08	139	6.069	78	62.97	147
20.1	10.213	59	45.63	212	1.361	11	22.64	19	36.611	33	55.69	151	5.991	39	61.50	170
30.1	10.154	16	43.51	235	1.350	33	22.45	15	36.578	28	54.18	159	5.952	2	59.80	188
Juni 9.0	10.138	29	41.16	251	1.383	76	22.30	12	36.606	88	52.59	163	5.954	43	57.92	203
19.0	10.167	72	38.65	260	1.459	117	22.18	7	36.694	147	50.96	161	5.997	83	55.89	212
29.0	10.239	114	36.05	263	1.576	156	22.11	4	36.841	202	49.35	155	6.080	120	53.77	213
Juli 9.0	10.353	152	33.42	257	1.732	190	22.07	1	37.043	252	47.80	147	6.200	154	51.64	210
18.9	10.505	187	30.85	244	1.922	220	22.06	2	37.295	295	46.33	135	6.354	186	49.54	200
28.9	10.692	219	28.41	222	2.142	246	22.08	3	37.590	334	44.98	122	6.540	213	47.54	182
Aug. 7.9	10.911	246	26.19	192	2.388	268	22.11	1	37.924	366	43.76	106	6.753	237	45.72	157
17.9	11.157	269	24.27	155	2.656	285	22.12	3	38.290	392	42.70	90	6.990	256	44.15	127
27.8	11.426	287	22.72	112	2.941	298	22.09	7	38.682	413	41.80	73	7.246	271	42.88	90
Sept. 6.8	11.713	301	21.60	63	3.239	309	22.02	13	39.095	428	41.07	54	7.517	283	41.98	49
16.8	12.014	309	20.97	11	3.548	316	21.89	21	39.523	437	40.53	36	7.800	290	41.49	5
26.7	12.323	311	20.86	43	3.864	318	21.68	28	39.960	441	40.17	16	8.090	294	41.44	41
Okt. 6.7	12.634	309	21.29	98	4.182	318	21.40	35	40.401	439	40.01	4	8.384	292	41.85	86
16.7	12.943	300	22.27	149	4.500	313	21.05	40	40.840	431	40.05	25	8.676	285	42.71	129
26.7	13.243	284	23.76	196	4.813	302	20.65	43	41.271	415	40.30	47	8.961	273	44.00	168
Nov. 5.6	13.527	263	25.72	235	5.115	286	20.22	44	41.686	391	40.77	69	9.234	256	45.68	202
15.6	13.790	234	28.07	268	5.401	264	19.78	42	42.077	358	41.46	90	9.490	231	47.70	227
25.6	14.024	198	30.75	290	5.665	235	19.36	37	42.435	316	42.36	109	9.721	200	49.97	244
Dez. 5.6	14.222	157	33.65	303	5.900	199	18.99	30	42.751	264	43.45	128	9.921	164	52.41	254
15.5	14.379	110	36.68	305	6.099	156	18.69	21	43.015	203	44.73	142	10.085	121	54.95	254
25.5	14.489	60	39.73	297	6.255	109	18.48	12	43.218	137	46.15	150	10.206	75	57.49	246
35.5	14.549		42.70		6.364		18.36		43.355		47.65		10.281		59.95	
Mittl. Ort	9.878		34.23		0.016		24.61		35.072		52.33		5.295		51.70	
sec δ, tg δ	1.155		−0.578		1.083		+0.415		1.534		+1.164		1.051		−0.323	

Mittlere Zeit Greenw.	244) 8 Monocerotis AR.		244) Dekl.		245) α Argus AR.		245) Dekl.	
1918	6h 19m		+4° 38′		6h 22m		−52° 38′	
Jan. 0.5	27.869	70	5.50	117	10.536	20	64.40	351
10.5	27.939	22	4.33	104	10.516	91	67.91	330
20.4	27.961	26	3.29	90	10.425	159	71.21	298
30.4	27.935	70	2.39	73	10.266	220	74.19	259
Feb. 9.4	27.865	108	1.66	58	10.046	272	76.78	215
19.3	27.757	140	1.08	44	9.774	313	78.93	167
März 1.3	27.617	162	0.64	29	9.461	342	80.60	116
11.3	27.455	175	0.35	15	9.119	358	81.76	64
21.3	27.280	176	0.20	2	8.761	361	82.40	11
31.2	27.104	167	0.18	10	8.400	351	82.51	41
Apr. 10.2	26.937	150	0.28	23	8.049	329	82.10	91
20.2	26.787	124	0.51	36	7.720	297	81.19	138
30.2	26.663	92	0.87	48	7.423	255	79.81	182
Mai 10.1	26.571	56	1.35	60	7.168	207	77.99	222
20.1	26.515	17	1.95	72	6.961	152	75.77	255
30.1	26.498	24	2.67	82	6.809	93	73.22	283
Juni 9.0	26.522	63	3.49	90	6.716	33	70.39	303
19.0	26.585	101	4.39	97	6.683	27	67.36	315
29.0	26.686	137	5.36	99	6.710	88	64.21	319
Juli 9.0	26.823	169	6.35	100	6.798	147	61.02	313
18.9	26.992	197	7.35	95	6.945	201	57.89	298
28.9	27.189	221	8.30	87	7.146	251	54.91	272
Aug. 7.9	27.410	243	9.17	74	7.397	297	52.19	238
17.9	27.653	259	9.91	59	7.694	335	49.81	195
27.8	27.912	272	10.50	38	8.029	367	47.86	144
Sept. 6.8	28.184	282	10.88	15	8.396	390	46.42	86
16.8	28.466	289	11.03	10	8.786	404	45.56	25
26.7	28.755	292	10.93	35	9.190	410	45.31	39
Okt. 6.7	29.047	291	10.58	60	9.600	405	45.70	103
16.7	29.338	287	9.98	84	10.005	389	46.73	165
26.7	29.625	277	9.14	104	10.394	363	48.38	221
Nov. 5.6	29.902	261	8.10	119	10.757	328	50.59	272
15.6	30.163	241	6.91	131	11.085	281	53.31	312
25.6	30.404	213	5.60	136	11.366	226	56.43	341
Dez. 5.6	30.617	179	4.24	137	11.592	164	59.84	359
15.5	30.796	140	2.87	132	11.756	95	63.43	366
25.5	30.936	95	1.55	124	11.851	23	67.09	360
35.5	31.031		0.31		11.874		70.69	
Mittl. Ort	25.390		7.63		7.825		61.64	
sec δ, tg δ	1.003		+0.081		1.648		−1.310	

Mittlere Zeit Greenw.	246) 10 Monocerotis AR.		246) Dekl.		247) 8 Lyncis AR.		247) Dekl.	
1918	6h 23m		−4° 42′		6h 30m		+61° 33′	
Jan. 0.5	57.028	66	40.47	173	16.79	12	16.20	216
10.5	57.094	19	42.20	156	16.91	3	18.36	215
20.4	57.113	29	43.76	138	16.94	7	20.51	205
30.4	57.084	72	45.14	117	16.87	16	22.56	188
Feb. 9.4	57.012	111	46.31	94	16.71	24	24.44	161
19.3	56.901	143	47.25	71	16.47	30	26.05	128
März 1.3	56.758	165	47.96	48	16.17	36	27.33	89
11.3	56.593	177	48.44	26	15.81	38	28.22	47
21.3	56.416	180	48.70	3	15.43	39	28.69	4
31.2	56.236	173	48.73	18	15.04	38	28.73	41
Apr. 10.2	56.063	155	48.55	39	14.66	35	28.32	82
20.2	55.908	131	48.16	60	14.31	30	27.50	120
30.2	55.777	100	47.56	79	14.01	24	26.30	152
Mai 10.1	55.677	65	46.77	97	13.77	17	24.78	180
20.1	55.612	27	45.80	114	13.60	10	22.98	201
30.1	55.585	12	44.66	127	13.50	1	20.97	216
Juni 9.0	55.597	52	43.39	138	13.49	7	18.81	223
19.0	55.649	90	42.01	146	13.56	15	16.58	225
29.0	55.739	125	40.55	149	13.71	23	14.33	222
Juli 9.0	55.864	158	39.06	147	13.94	29	12.11	213
18.9	56.022	187	37.59	141	14.23	36	9.98	200
28.9	56.209	212	36.18	128	14.59	42	7.98	183
Aug. 7.9	56.421	234	34.90	110	15.01	46	6.15	163
17.9	56.655	251	33.80	88	15.47	51	4.52	140
27.8	56.906	266	32.92	60	15.98	54	3.12	114
Sept. 6.8	57.172	277	32.32	30	16.52	56	1.98	88
16.8	57.449	285	32.02	4	17.08	58	1.10	58
26.7	57.734	288	32.06	38	17.66	59	0.52	29
Okt. 6.7	58.022	288	32.44	72	18.25	58	0.23	3
16.7	58.310	284	33.16	104	18.83	58	0.26	35
26.7	58.594	273	34.20	133	19.41	56	0.61	67
Nov. 5.6	58.867	259	35.53	156	19.97	53	1.28	99
15.6	59.126	238	37.09	174	20.50	48	2.27	129
25.6	59.364	210	38.83	185	20.98	42	3.56	157
Dez. 5.6	59.574	176	40.68	190	21.40	35	5.13	182
15.5	59.750	136	42.58	187	21.75	27	6.95	201
25.5	59.886	93	44.45	180	22.02	18	8.96	212
35.5	59.979		46.25		22.20		11.08	
Mittl. Ort	54.623		38.01		12.00		17.60	
sec δ, tg δ	1.003		−0.082		2.099		+1.846	

Mittlere Zeit Greenw.	249) ξ² Canis maj. AR.		Dekl.		248) 23 H. Camelop. AR.		Dekl.		251) γ Geminorum AR.		Dekl.		250) 51 Aurigae AR.		Dekl.	
1918	6ʰ 31ᵐ		−22° 53′		6ʰ 32ᵐ		+79° 39′		6ʰ 32ᵐ		+16° 28′		6ʰ 32ᵐ		+39° 27′	
	s		″		s		″		s		″		s		″	
Jan. 0.5	39.518	55	59.27	266	27.00	19	21.39	291	61.162	92	10.64	49	61.914	109	49.52	94
10.5	39.573	5	61.93	247	27.19	6	24.30	287	61.254	42	10.15	38	62.023	47	50.46	99
20.4	39.578	45	64.40	223	27.13	30	27.17	271	61.296	10	9.77	27	62.070	15	51.45	100
30.4	39.533	92	66.63	193	26.83	53	29.88	245	61.286	57	9.50	18	62.055	74	52.45	94
Feb. 9.4	39.441	132	68.56	160	26.30	73	32.33	210	61.229	99	9.32	11	61.981	127	53.39	85
19.4	39.309	165	70.16	125	25.57	90	34.43	166	61.130	135	9.21	6	61.854	170	54.24	69
März 1.3	39.144	190	71.41	87	24.67	102	36.09	115	60.995	160	9.15	2	61.684	203	54.93	51
11.3	38.954	203	72.28	50	23.65	110	37.24	60	60.835	176	9.13	0	61.481	221	55.44	29
21.3	38.751	207	72.78	12	22.55	112	37.84	3	60.659	180	9.13	1	61.260	226	55.73	5
31.2	38.544	200	72.90	24	21.43	109	37.87	54	60.479	173	9.14	2	61.034	219	55.78	18
Apr. 10.2	38.344	185	72.66	60	20.34	102	37.33	107	60.306	156	9.16	2	60.815	199	55.60	40
20.2	38.159	161	72.06	95	19.32	91	36.26	156	60.150	132	9.18	3	60.616	168	55.20	59
30.2	37.998	131	71.11	126	18.41	76	34.70	200	60.018	100	9.21	6	60.448	129	54.61	77
Mai 10.1	37.867	95	69.85	155	17.65	59	32.70	236	59.918	63	9.27	8	60.319	84	53.84	91
20.1	37.772	56	68.30	181	17.06	39	30.34	264	59.855	24	9.35	13	60.235	35	52.93	101
30.1	37.716	16	66.49	202	16.67	18	27.70	284	59.831	18	9.48	16	60.200	16	51.92	107
Juni 9.1	37.700	25	64.47	218	16.49	3	24.86	295	59.849	58	9.64	21	60.216	67	50.85	110
19.0	37.725	66	62.29	229	16.52	24	21.91	299	59.907	98	9.85	25	60.283	116	49.75	110
29.0	37.791	104	60.00	232	16.76	44	18.92	295	60.005	135	10.10	27	60.399	163	48.65	107
Juli 9.0	37.895	141	57.68	229	17.20	63	15.97	285	60.140	168	10.37	28	60.562	204	47.58	103
18.9	38.036	174	55.39	219	17.83	82	13.12	267	60.308	198	10.65	28	60.766	242	46.55	97
28.9	38.210	203	53.20	201	18.65	98	10.45	245	60.506	225	10.93	24	61.008	275	45.58	89
Aug. 7.9	38.413	230	51.19	175	19.63	111	8.00	217	60.731	247	11.17	19	61.283	303	44.69	81
17.9	38.643	252	49.44	143	20.74	124	5.83	184	60.978	265	11.36	11	61.586	327	43.88	74
27.8	38.895	270	48.01	104	21.98	133	3.99	150	61.243	280	11.47	0	61.913	345	43.14	65
Sept. 6.8	39.165	285	46.97	61	23.31	141	2.49	111	61.523	293	11.47	12	62.258	360	42.49	56
16.8	39.450	294	46.36	13	24.72	146	1.38	69	61.816	301	11.35	26	62.618	371	41.93	47
26.8	39.744	300	46.23	36	26.18	148	0.69	27	62.117	306	11.09	39	62.989	377	41.46	37
Okt. 6.7	40.044	300	46.59	86	27.66	147	0.42	17	62.423	308	10.70	52	63.366	379	41.09	26
16.7	40.344	295	47.45	132	29.13	145	0.59	62	62.731	305	10.18	64	63.745	375	40.83	14
26.7	40.639	284	48.77	176	30.58	137	1.21	106	63.036	298	9.54	73	64.120	365	40.69	1
Nov. 5.6	40.923	267	50.53	214	31.95	128	2.27	148	63.334	284	8.81	78	64.485	349	40.68	14
15.6	41.190	243	52.67	243	33.23	115	3.75	188	63.618	265	8.03	80	64.834	323	40.82	30
25.6	41.433	212	55.10	265	34.38	99	5.63	224	63.883	238	7.23	78	65.157	290	41.12	47
Dez. 5.6	41.645	174	57.75	276	35.37	80	7.87	254	64.121	205	6.45	73	65.447	248	41.59	62
15.5	41.819	131	60.51	280	36.17	57	10.41	275	64.326	164	5.72	65	65.695	199	42.21	77
25.5	41.950	83	63.31	273	36.74	34	13.16	288	64.490	119	5.07	55	65.894	142	42.98	89
35.5	42.033		66.04		37.08		16.04		64.609		4.52		66.036		43.87	
Mittl. Ort	37.157		56.62		15.81		22.57		58.528		13.16		58.694		51.70	
sec δ, tg δ	1.086		−0.422		5.569		+5.479		1.043		+0.296		1.295		+0.823	

Mittlere Zeit Greenw.	252) ν Argus AR.		252) ν Argus Dekl.		253) *S* Monocerotis AR.		253) *S* Monocerotis Dekl.		254) ε Geminorum AR.		254) ε Geminorum Dekl.		256) ξ Geminorum AR.		256) ξ Geminorum Dekl.	
1918	6h 35m	Δ	−43° 7′	Δ	6h 36m	Δ	+9° 58′	Δ	6h 38m	Δ	+25° 12′	Δ	6h 40m	Δ	+12° 58′	Δ
Jan. 0.5	17.622	27	27.28	338	30.310	91	18.59	90	56.103	104	45.62	4	43.849	96	63.04	73
10.5	17.649	35	30.66	319	30.401	41	17.69	77	56.207	51	45.66	15	43.945	47	62.31	60
20.4	17.614	95	33.85	291	30.442	8	16.92	64	56.258	3	45.81	22	43.992	3	61.71	48
30.4	17.519	149	36.76	255	30.434	55	16.28	50	56.255	55	46.03	26	43.989	51	61.23	37
Feb. 9.4	17.370	197	39.31	215	30.379	96	15.78	38	56.200	100	46.29	28	43.938	94	60.86	25
19.4	17.173	235	41.46	170	30.283	131	15.40	27	56.100	139	46.57	26	43.844	129	60.61	17
März 1.3	16.938	264	43.16	123	30.152	157	15.13	17	55.961	167	46.83	21	43.715	156	60.44	10
11.3	16.674	280	44.39	74	29.995	171	14.96	8	55.794	184	47.04	14	43.559	172	60.34	3
21.3	16.394	285	45.13	25	29.824	176	14.88	1	55.610	190	47.18	6	43.387	177	60.31	1
31.2	16.109	279	45.38	24	29.648	170	14.87	7	55.420	185	47.24	2	43.210	172	60.32	5
Apr. 10.2	15.830	262	45.14	71	29.478	155	14.94	13	55.235	168	47.22	11	43.038	157	60.37	9
20.2	15.568	236	44.43	117	29.323	131	15.07	21	55.067	142	47.11	18	42.881	134	60.46	13
30.2	15.332	202	43.26	158	29.192	101	15.28	29	54.925	109	46.93	24	42.747	104	60.59	18
Mai 10.1	15.130	161	41.68	197	29.091	65	15.57	36	54.816	71	46.69	27	42.643	68	60.77	23
20.1	14.969	117	39.71	230	29.026	28	15.93	43	54.745	30	46.42	30	42.575	30	61.00	28
30.1	14.852	68	37.41	258	28.998	12	16.36	51	54.715	14	46.12	31	42.545	10	61.28	34
Juni 9.1	14.784	18	34.83	278	29.010	52	16.87	56	54.729	56	45.81	30	42.555	49	61.62	39
19.0	14.766	33	32.05	293	29.062	90	17.43	62	54.785	99	45.51	28	42.604	87	62.01	42
29.0	14.799	82	29.12	298	29.152	125	18.05	64	54.884	137	45.23	26	42.691	124	62.43	45
Juli 9.0	14.881	129	26.14	294	29.277	158	18.69	64	55.021	173	44.97	25	42.815	158	62.88	45
18.9	15.010	174	23.20	282	29.435	188	19.33	61	55.194	206	44.72	22	42.973	187	63.33	43
28.9	15.184	216	20.38	261	29.623	214	19.94	56	55.400	233	44.50	23	43.160	213	63.76	38
Aug. 7.9	15.400	252	17.77	229	29.837	236	20.50	46	55.633	257	44.27	24	43.373	236	64.14	30
17.9	15.652	285	15.48	191	30.073	254	20.96	33	55.890	278	44.03	26	43.609	255	64.44	20
27.8	15.937	311	13.57	143	30.327	270	21.29	18	56.168	295	43.77	29	43.864	272	64.64	6
Sept. 6.8	16.248	333	12.14	91	30.597	282	21.47	1	56.463	308	43.48	34	44.136	284	64.70	9
16.8	16.581	347	11.23	32	30.879	292	21.46	20	56.771	318	43.14	38	44.420	294	64.61	26
26.8	16.928	354	10.91	29	31.171	297	21.26	41	57.089	325	42.76	44	44.714	300	64.35	44
Okt. 6.7	17.282	354	11.20	90	31.468	299	20.85	60	57.414	327	42.32	47	45.014	303	63.91	60
16.7	17.636	346	12.10	149	31.767	297	20.25	78	57.741	325	41.85	49	45.317	302	63.31	75
26.7	17.982	329	13.59	204	32.064	290	19.47	94	58.066	319	41.36	50	45.619	295	62.56	88
Nov. 5.6	18.311	304	15.63	252	32.354	277	18.53	105	58.385	305	40.86	47	45.914	284	61.68	96
15.6	18.615	270	18.15	293	32.631	259	17.48	112	58.690	285	40.39	42	46.198	265	60.72	101
25.6	18.885	228	21.08	322	32.890	233	16.36	115	58.975	258	39.97	34	46.463	239	59.71	101
Dez. 5.6	19.113	179	24.30	341	33.123	200	15.21	112	59.233	223	39.63	24	46.702	207	58.70	97
15.5	19.292	122	27.71	349	33.323	161	14.09	106	59.456	181	39.39	13	46.909	168	57.73	90
25.5	19.414	63	31.20	345	33.484	116	13.03	97	59.637	133	39.26	2	47.077	123	56.83	79
35.5	19.477		34.65		33.600		12.06		59.770		39.24		47.200		56.04	
Mittl. Ort	15.109		24.89		27.769		21.34		53.304		48.44		41.268		65.99	
sec δ, tg δ	1.370		−0.937		1.015		+0.176		1.105		+0.471		1.026		+0.231	

Mittlere Zeit Greenw.	257) α Canis maj.*)				258) 18 Monocerotis				262) α Pictoris				261) ϑ Geminorum			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$6^h\ 41^m$		$-16°\ 36'$		$6^h\ 43^m$		$+2°\ 29'$		$6^h\ 47^m$		$-61°\ 50'$		$6^h\ 47^m$		$+34°\ 3'$	
Jan. 0.5	$34^s.310$	66	$14''.36$	243	$37^s.619$	92	$67''.01$	137	$24^s.17$	1	$72''.53$	373	$26^s.206$	121	$37''.15$	58
10.5	34.376	18	16.79	226	37.711	43	65.64	123	24.16	11	76.26	356	26.327	63	37.73	67
20.4	34.394	32	19.05	202	37.754	6	64.41	106	24.05	19	79.82	329	26.390	4	38.40	72
30.4	34.362	77	21.07	175	37.748	52	63.35	88	23.86	28	83.11	295	26.394	54	39.12	73
Feb. 9.4	34.285	118	22.82	146	37.696	94	62.47	70	23.58	34	86.06	253	26.340	104	39.85	68
19.4	34.167	151	24.28	113	37.602	128	61.77	53	23.24	40	88.59	207	26.236	147	40.53	60
März 1.3	34.016	176	25.41	81	37.474	153	61.24	36	22.84	44	90.66	157	26.089	180	41.13	49
11.3	33.840	190	26.22	48	37.321	170	60.88	20	22.40	47	92.23	104	25.909	200	41.62	32
21.3	33.650	194	26.70	16	37.151	175	60.68	4	21.93	48	93.27	50	25.709	208	41.94	15
31.2	33.456	190	26.86	17	36.976	170	60.64	10	21.45	47	93.77	4	25.501	204	42.09	3
Apr. 10.2	33.266	174	26.69	47	36.806	157	60.74	24	20.98	46	93.73	56	25.297	188	42.06	21
20.2	33.092	151	26.22	77	36.649	135	60.98	39	20.52	42	93.17	107	25.109	162	41.85	36
30.2	32.941	123	25.45	105	36.514	106	61.37	52	20.10	38	92.10	154	24.947	127	41.49	51
Mai 10.1	32.818	88	24.40	130	36.408	72	61.89	64	19.72	33	90.56	199	24.820	87	40.98	62
20.1	32.730	51	23.10	152	36.336	36	62.53	77	19.39	27	88.57	237	24.733	43	40.36	71
30.1	32.679	12	21.58	171	36.300	2	63.30	87	19.12	20	86.20	270	24.690	3	39.65	77
Juni 9.1	32.667	28	19.87	186	36.302	40	64.17	95	18.92	12	83.50	296	24.693	50	38.88	81
19.0	32.695	66	18.01	195	36.342	78	65.12	101	18.80	5	80.54	315	24.743	96	38.07	81
29.0	32.761	103	16.06	198	36.420	113	66.13	104	18.75	3	77.39	323	24.839	138	37.26	81
Juli 9.0	32.864	138	14.08	195	36.533	145	67.17	103	18.78	11	74.16	323	24.977	177	36.45	79
18.9	33.002	170	12.13	186	36.678	175	68.20	99	18.89	17	70.93	313	25.154	214	35.66	76
28.9	33.172	198	10.27	171	36.853	202	69.19	90	19.06	25	67.80	293	25.368	245	34.90	73
Aug. 7.9	33.370	222	8.56	148	37.055	224	70.09	77	19.31	32	64.87	263	25.613	272	34.17	70
17.9	33.592	244	7.08	119	37.279	243	70.86	59	19.63	37	62.24	223	25.885	296	33.47	66
27.8	33.836	262	5.89	85	37.522	260	71.45	37	20.00	42	60.01	175	26.181	315	32.81	63
Sept. 6.8	34.098	275	5.04	45	37.782	274	71.82	13	20.42	47	58.26	120	26.496	331	32.18	60
16.8	34.373	285	4.59	2	38.056	283	71.95	13	20.89	49	57.06	58	26.827	344	31.58	56
26.8	34.658	292	4.57	42	38.339	290	71.82	41	21.38	51	56.48	7	27.171	352	31.02	52
Okt. 6.7	34.950	293	4.99	87	38.629	294	71.41	69	21.89	51	56.55	73	27.523	356	30.50	47
16.7	35.243	291	5.86	129	38.923	292	70.72	94	22.40	49	57.28	138	27.879	356	30.03	40
26.7	35.534	281	7.15	168	39.215	286	69.78	117	22.89	47	58.66	199	28.235	349	29.63	31
Nov. 5.6	35.815	266	8.83	201	39.501	275	68.61	135	23.36	43	60.65	255	28.584	336	29.32	20
15.6	36.081	244	10.84	228	39.776	256	67.26	147	23.79	37	63.20	301	28.920	316	29.12	7
25.6	36.325	216	13.12	246	40.032	231	65.79	155	24.16	30	66.21	338	29.236	287	29.05	7
Dez. 5.6	36.541	180	15.58	256	40.263	199	64.24	157	24.46	22	69.59	363	29.523	249	29.12	22
15.5	36.721	140	18.14	257	40.462	161	62.67	153	24.68	14	73.22	376	29.772	204	29.34	38
25.5	36.861	94	20.71	250	40.623	117	61.14	143	24.82	4	76.98	377	29.976	152	29.72	51
35.5	36.955		23.21		40.740		59.71		24.86		80.75		30.128		30.23	
Mittl. Ort	31.947		11.40		35.159		70.02		21.06		71.07		23.179		40.57	
sec δ, tg δ	1.044		−0.298		1.001		+0.044		2.120		−1.869		1.207		+0.676	

*) Ort des Hauptsterns; die jährliche Parallaxe (0″.38) ist bereits berücksichtigt.

Mittlere Zeit Greenw.	265) 15 Lyncis				266) ϑ Canis majoris				268) ε Canis majoris				269) ζ Geminorum			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	6h 50m		+58° 31′		6h 50m		−11° 56′		6h 55m		−28° 51′		6h 59m		+20° 41′	
Jan. 0.5	15.272	159	50.95	198	25.184	85	9.15	220	26.528	74	37.45	299	17.505	122	25.97	29
10.5	15.431	70	52.93	202	25.269	37	11.35	204	26.602	20	40.44	284	17.627	69	25.68	16
20.5	15.501	22	54.95	199	25.306	13	13.39	183	26.622	33	43.28	259	17.696	16	25.52	5
30.4	15.479	109	56.94	187	25.293	59	15.22	158	26.589	83	45.87	229	17.712	35	25.47	5
Feb. 9.4	15.370	187	58.81	167	25.234	101	16.80	132	26.506	127	48.16	195	17.677	82	25.52	12
19.4	15.183	253	60.48	140	25.133	135	18.12	104	26.379	165	50.11	158	17.595	121	25.64	15
März 1.3	14.930	304	61.88	105	24.998	162	19.16	75	26.214	194	51.69	118	17.474	153	25.79	17
11.3	14.626	337	62.93	67	24.836	179	19.91	45	26.020	211	52.87	78	17.321	172	25.96	15
21.3	14.289	351	63.60	27	24.657	185	20.36	17	25.809	220	53.65	35	17.149	181	26.11	12
31.3	13.938	346	63.87	14	24.472	182	20.53	11	25.589	217	54.00	5	16.968	179	26.23	9
Apr. 10.2	13.592	324	63.73	55	24.290	169	20.42	38	25.372	205	53.95	45	16.789	167	26.32	4
20.2	13.268	287	63.18	93	24.121	149	20.04	65	25.167	185	53.50	84	16.622	145	26.36	0
30.2	12.981	236	62.25	127	23.972	121	19.39	89	24.982	157	52.66	120	16.477	117	26.36	3
Mai 10.2	12.745	176	60.98	155	23.851	89	18.50	112	24.825	124	51.46	154	16.360	83	26.33	6
20.1	12.569	107	59.43	178	23.762	54	17.38	133	24.701	87	49.92	183	16.277	44	26.27	6
30.1	12.462	37	57.65	196	23.708	16	16.05	150	24.614	47	48.09	208	16.233	5	26.21	7
Juni 9.1	12.425	37	55.69	208	23.692	22	14.55	164	24.567	6	46.01	229	16.228	36	26.14	6
19.0	12.462	108	53.61	213	23.714	59	12.91	173	24.561	36	43.72	242	16.264	75	26.08	6
29.0	12.570	178	51.48	214	23.773	95	11.18	178	24.597	75	41.30	249	16.339	113	26.02	6
Juli 9.0	12.748	242	49.34	210	23.868	129	9.40	177	24.672	114	38.81	248	16.452	148	25.96	6
19.0	12.990	302	47.24	201	23.997	160	7.63	169	24.786	151	36.33	240	16.600	179	25.90	6
28.9	13.292	356	45.23	189	24.157	188	5.94	156	24.937	184	33.93	223	16.779	208	25.84	10
Aug. 7.9	13.648	402	43.34	173	24.345	213	4.38	137	25.121	214	31.70	199	16.987	233	25.74	15
17.9	14.050	442	41.61	154	24.558	235	3.01	111	25.335	241	29.71	167	17.220	254	25.59	20
27.8	14.492	476	40.07	134	24.793	254	1.90	80	25.576	265	28.04	127	17.474	274	25.39	28
Sept. 6.8	14.968	504	38.73	110	25.047	268	1.10	45	25.841	284	26.77	82	17.748	289	25.11	38
16.8	15.472	523	37.63	85	25.315	280	0.65	6	26.125	299	25.95	32	18.037	302	24.73	47
26.8	15.995	537	36.78	58	25.595	289	0.59	34	26.424	309	25.63	21	18.339	312	24.26	57
Okt. 6.7	16.532	543	36.20	29	25.884	293	0.93	76	26.733	314	25.84	76	18.651	318	23.69	66
16.7	17.075	540	35.91	1	26.177	292	1.69	114	27.047	312	26.60	127	18.969	319	23.03	72
26.7	17.615	528	35.92	32	26.469	286	2.83	150	27.359	305	27.87	176	19.288	316	22.31	77
Nov. 5.7	18.143	504	36.24	64	26.755	274	4.33	181	27.664	289	29.63	219	19.604	307	21.54	79
15.6	18.647	469	36.88	96	27.029	255	6.14	205	27.953	267	31.82	255	19.911	290	20.75	76
25.6	19.116	421	37.84	124	27.284	228	8.19	222	28.220	236	34.37	282	20.201	266	19.99	69
Dez. 5.6	19.537	361	39.08	152	27.512	196	10.41	232	28.456	198	37.19	299	20.467	234	19.30	61
15.5	19.898	290	40.60	175	27.708	157	12.73	232	28.654	153	40.18	307	20.701	194	18.69	50
25.5	20.188	208	42.35	191	27.865	111	15.05	226	28.807	104	43.25	305	20.895	149	18.19	37
35.5	20.396		44.26		27.976		17.31		28.911		46.30		21.044		17.82	
Mittl. Ort	10.851		54.55		22.813		6.26		24.148		35.13		14.809		30.06	
sec δ, tg δ	1.916		+1.634		1.022		−0.211		1.142		−0.551		1.069		+0.378	

Mittlere Zeit Greenw.	271) γ Canis majoris				273) δ Canis majoris				274) 63 Aurigae				277) λ Geminorum			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$7^h\ 0^m$		$-15°\ 30'$		$7^h\ 5^m$		$-26°\ 15'$		$7^h\ 6^m$		$+39°\ 27'$		$7^h\ 13^m$		$+16°\ 41'$	
Jan. 0.5	5.304 s	92	43.63″	241	5.760 s	87	46.53″	292	4.274 s	150	14.97″	86	25.518 s	132	16.69″	59
10.5	5.396	43	46.04	226	5.847	35	49.45	277	4.424	87	15.83	98	25.650	81	16.10	44
20.5	5.439	8	48.30	204	5.882	18	52.22	254	4.511	23	16.81	104	25.731	29	15.66	30
30.4	5.431	55	50.34	179	5.864	68	54.76	226	4.534	40	17.85	105	25.760	23	15.36	17
Feb. 9.4	5.376	98	52.13	150	5.796	113	57.02	193	4.494	96	18.90	101	25.737	69	15.19	7
19.4	5.278	134	53.63	120	5.683	152	58.95	157	4.398	145	19.91	89	25.668	110	15.12	2
März 1.4	5.144	162	54.83	89	5.531	181	60.52	120	4.253	184	20.80	75	25.558	142	15.14	8
11.3	4.982	181	55.72	57	5.350	200	61.72	81	4.069	210	21.55	55	25.416	163	15.22	11
21.3	4.801	188	56.29	26	5.150	210	62.53	41	3.859	222	22.10	33	25.253	174	15.33	13
31.3	4.613	186	56.55	6	4.940	209	62.94	2	3.637	221	22.43	9	25.079	175	15.46	13
Apr. 10.2	4.427	176	56.49	36	4.731	199	62.96	36	3.416	209	22.52	14	24.904	165	15.59	12
20.2	4.251	157	56.13	65	4.532	180	62.60	74	3.207	186	22.38	37	24.739	147	15.71	12
30.2	4.094	130	55.48	93	4.352	154	61.86	108	3.021	152	22.01	57	24.592	122	15.83	11
Mai 10.2	3.964	99	54.55	118	4.198	123	60.78	141	2.869	112	21.44	74	24.470	89	15.94	12
20.1	3.865	65	53.37	140	4.075	88	59.37	170	2.757	68	20.70	90	24.381	53	16.06	12
30.1	3.800	28	51.97	160	3.987	49	57.67	195	2.689	19	19.80	101	24.328	17	16.18	13
Juni 9.1	3.772	10	50.37	176	3.938	10	55.72	215	2.670	29	18.79	109	24.311	22	16.31	14
19.1	3.782	47	48.61	187	3.928	29	53.57	228	2.699	76	17.70	114	24.333	60	16.45	14
29.0	3.829	84	46.74	191	3.957	69	51.29	236	2.775	123	16.56	117	24.393	95	16.59	15
Juli 9.0	3.913	118	44.83	192	4.026	106	48.93	237	2.898	165	15.39	117	24.488	130	16.74	13
19.0	4.031	150	42.91	185	4.132	142	46.56	230	3.063	205	14.22	115	24.618	162	16.87	10
28.9	4.181	179	41.06	171	4.274	174	44.26	214	3.268	240	13.07	112	24.780	189	16.97	6
Aug. 7.9	4.360	206	39.35	150	4.448	205	42.12	192	3.508	271	11.95	108	24.969	216	17.03	2
17.9	4.566	230	37.85	125	4.653	231	40.20	162	3.779	300	10.87	103	25.185	238	17.01	11
27.9	4.796	249	36.60	92	4.884	255	38.58	124	4.079	323	9.84	97	25.423	258	16.90	22
Sept. 6.8	5.045	267	35.68	54	5.139	276	37.34	81	4.402	343	8.87	90	25.681	275	16.68	35
16.8	5.312	280	35.14	14	5.415	291	36.53	33	4.745	359	7.97	82	25.956	290	16.33	49
26.8	5.592	291	35.00	30	5.706	303	36.20	18	5.104	372	7.15	74	26.246	301	15.84	62
Okt. 6.8	5.883	296	35.30	74	6.009	309	36.38	70	5.476	380	6.41	63	26.547	310	15.22	76
16.7	6.179	296	36.04	116	6.318	311	37.08	121	5.856	383	5.78	50	26.857	313	14.46	87
26.7	6.475	292	37.20	155	6.629	305	38.29	168	6.239	379	5.28	36	27.170	313	13.59	95
Nov. 5.7	6.767	281	38.75	190	6.934	292	39.97	211	6.618	369	4.92	18	27.483	306	12.64	101
15.6	7.048	262	40.65	217	7.226	271	42.08	246	6.987	349	4.74	0	27.789	292	11.63	101
25.6	7.310	236	42.82	236	7.497	243	44.54	273	7.336	321	4.74	20	28.081	270	10.62	98
Dez. 5.6	7.546	204	45.18	248	7.740	208	47.27	290	7.657	283	4.94	41	28.351	239	9.64	90
15.6	7.750	164	47.66	252	7.948	165	50.17	298	7.940	237	5.35	60	28.590	203	8.74	80
25.5	7.914	119	50.18	248	8.113	116	53.15	297	8.177	182	5.95	77	28.793	159	7.94	67
35.5	8.033		52.66		8.229		56.12		8.359		6.72		28.952		7.27	
Mittl. Ort	2.944		40.79		3.394		44.20		1.082		20.00		22.905		21.44	
sec δ, tg δ	1.038		−0.278		1.115		−0.493		1.295		+0.823		1.044		+0.300	

Mittlere Zeit Greenw.	278) π Argus				279) δ Geminorum				280) 19 Lyncis sq.				281) δ Volantis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	7ʰ 14ᵐ		−36° 56′		7ʰ 15ᵐ		+22° 7′		7ʰ 16ᵐ		+55° 25′		7ʰ 16ᵐ		−67° 48′	
	s		″		s		″		s		″		s		″	
Jan. 0.5	17.187	88	60.16	334	16.361	140	58.88	25	15.029	195	68.07	174	56.17	3	25.66	384
10.5	17.275	28	63.50	320	16.501	86	58.63	10	15.224	112	69.81	186	56.20	9	29.50	375
20.5	17.303	29	66.70	299	16.587	33	58.53	3	15.336	27	71.67	190	56.11	19	33.25	356
30.4	17.274	84	69.69	270	16.620	21	58.56	13	15.363	56	73.57	185	55.92	30	36.81	328
Feb. 9.4	17.190	134	72.39	234	16.599	70	58.69	21	15.307	134	75.42	172	55.62	39	40.09	291
19.4	17.056	176	74.73	195	16.529	111	58.90	25	15.173	201	77.14	152	55.23	47	43.00	249
März 1.4	16.880	209	76.68	153	16.418	145	59.15	26	14.972	254	78.66	124	54.76	52	45.49	203
11.3	16.671	232	78.21	108	16.273	168	59.41	25	14.718	292	79.90	91	54.24	57	47.52	152
21.3	16.439	244	79.29	63	16.105	180	59.66	20	14.426	313	80.81	55	53.67	60	49.04	99
31.3	16.195	245	79.92	18	15.925	181	59.86	15	14.113	317	81.36	16	53.07	60	50.03	46
Apr. 10.3	15.950	236	80.10	28	15.744	171	60.01	9	13.796	304	81.52	22	52.47	59	50.49	7
20.2	15.714	218	79.82	71	15.573	152	60.10	3	13.492	276	81.30	60	51.88	57	50.42	61
30.2	15.496	193	79.11	113	15.421	126	60.13	3	13.216	236	80.70	95	51.31	53	49.81	111
Mai 10.2	15.303	161	77.98	151	15.295	93	60.10	7	12.980	186	79.75	125	50.78	47	48.70	159
20.1	15.142	124	76.47	187	15.202	57	60.03	11	12.794	128	78.50	151	50.31	40	47.11	203
30.1	15.018	83	74.60	216	15.145	18	59.92	14	12.666	66	76.99	172	49.91	33	45.08	241
Juni 9.1	14.935	42	72.44	241	15.127	21	59.78	15	12.600	2	75.27	188	49.58	25	42.67	273
19.1	14.893	2	70.03	259	15.148	60	59.63	17	12.598	63	73.39	198	49.33	15	39.94	297
29.0	14.895	46	67.44	270	15.208	98	59.46	18	12.661	126	71.41	204	49.18	7	36.97	314
Juli 9.0	14.941	89	64.74	272	15.306	133	59.28	19	12.787	186	69.37	206	49.11	4	33.83	320
19.0	15.030	129	62.02	266	15.439	166	59.09	22	12.973	242	67.31	203	49.15	13	30.63	319
29.0	15.159	168	59.36	252	15.605	195	58.87	25	13.215	292	65.28	195	49.28	22	27.44	305
Aug. 7.9	15.327	205	56.84	228	15.800	222	58.62	30	13.507	338	63.33	186	49.50	31	24.39	282
17.9	15.532	237	54.56	197	16.022	245	58.32	36	13.845	380	61.47	172	49.81	40	21.57	248
27.9	15.769	267	52.59	156	16.267	266	57.96	43	14.225	415	59.75	156	50.21	46	19.09	206
Sept. 6.8	16.036	292	51.03	108	16.533	284	57.53	52	14.640	445	58.19	138	50.67	53	17.03	154
16.8	16.328	312	49.95	56	16.817	299	57.01	61	15.085	469	56.81	117	51.20	58	15.49	96
26.8	16.640	328	49.39	1	17.116	312	56.40	69	15.554	488	55.64	94	51.78	62	14.53	33
Okt. 6.8	16.968	336	49.40	59	17.428	320	55.71	76	16.042	501	54.70	67	52.40	62	14.20	34
16.7	17.304	338	49.99	116	17.748	324	54.95	82	16.543	505	54.03	40	53.02	62	14.54	100
26.7	17.642	332	51.15	172	18.072	324	54.13	85	17.048	502	53.63	11	53.64	60	15.54	165
Nov. 5.7	17.974	317	52.87	222	18.396	317	53.28	84	17.550	487	53.52	21	54.24	56	17.19	224
15.7	18.291	294	55.09	264	18.713	303	52.44	80	18.037	461	53.73	54	54.80	49	19.43	277
25.6	18.585	262	57.73	297	19.016	280	51.64	72	18.498	424	54.27	84	55.29	41	22.20	321
Dez. 5.6	18.847	222	60.70	321	19.296	250	50.92	62	18.922	374	55.11	115	55.70	32	25.41	353
15.6	19.069	174	63.91	335	19.546	212	50.30	48	19.296	312	56.26	142	56.02	22	28.94	374
25.5	19.243	120	67.26	336	19.758	167	49.82	34	19.608	239	57.68	164	56.24	10	32.68	384
35.5	19.363		70.62		19.925		49.48		19.847		59.32		56.34		36.52	
Mittl. Ort	14.758		58.60		13.656		64.00		10.954		74.34		52.61		25.91	
sec δ, tg δ	1.251		−0.752		1.080		+0.407		1.763		+1.452		2.647		−2.451	

Mittlere Zeit Greenw.	282) ι Geminorum AR.		Dekl.		284) Gr. 1308 AR.		Dekl.		285) β Canis minoris AR.		Dekl.		286) ρ Geminorum AR.		Dekl.	
1918	$7^h 20^m$		+27° 57′		$7^h 22^m$		+68° 37′		$7^h 22^m$		+8° 27′		$7^h 23^m$		+31° 56′	
Jan. 0.5	40.994	152	38.08	10	27.48	27	58.74	237	44.788	134	15.16	113	53.299	160	49.41	34
10.5	41.146	95	38.18	25	27.75	15	61.11	247	44.922	85	14.03	97	53.459	103	49.75	50
20.5	41.241	39	38.43	37	27.90	2	63.58	250	45.007	34	13.06	81	53.562	43	50.25	61
30.4	41.280	16	38.80	46	27.92	11	66.08	241	45.041	16	12.25	64	53.605	14	50.86	69
Feb. 9.4	41.264	69	39.26	50	27.81	23	68.49	222	45.025	62	11.61	48	53.591	68	51.55	72
19.4	41.195	113	39.76	51	27.58	33	70.71	194	44.963	102	11.13	32	53.523	116	52.27	69
März 1.4	41.082	149	40.27	48	27.25	41	72.65	158	44.861	134	10.81	19	53.407	154	52.96	63
11.3	40.933	175	40.75	40	26.84	48	74.23	116	44.727	156	10.62	8	53.253	180	53.59	52
21.3	40.758	188	41.15	31	26.36	51	75.39	69	44.571	168	10.54	2	53.073	195	54.11	39
31.3	40.570	190	41.46	19	25.85	52	76.08	20	44.403	169	10.56	11	52.878	198	54.50	23
Apr. 10.3	40.380	181	41.65	6	25.33	50	76.28	29	44.234	162	10.67	19	52.680	190	54.73	6
20.2	40.199	163	41.71	5	24.83	47	75.99	77	44.072	146	10.86	27	52.490	171	54.79	9
30.2	40.036	136	41.66	16	24.36	42	75.22	121	43.926	122	11.13	33	52.319	143	54.70	25
Mai 10.2	39.900	102	41.50	27	23.94	34	74.01	161	43.804	93	11.46	39	52.176	110	54.45	39
20.1	39.798	65	41.23	35	23.60	25	72.40	195	43.711	60	11.85	46	52.066	72	54.06	50
30.1	39.733	26	40.88	42	23.35	17	70.45	222	43.651	25	12.31	52	51.994	30	53.56	60
Juni 9.1	39.707	16	40.46	47	23.18	6	68.23	243	43.626	11	12.83	55	51.964	13	52.96	67
19.1	39.723	57	39.99	51	23.12	3	65.80	257	43.637	47	13.38	59	51.977	55	52.29	73
29.0	39.780	96	39.48	53	23.15	14	63.23	266	43.684	82	13.97	60	52.032	96	51.56	76
Juli 9.0	39.876	134	38.95	56	23.29	23	60.57	267	43.766	114	14.57	58	52.128	134	50.80	79
19.0	40.010	167	38.39	58	23.52	32	57.90	263	43.880	145	15.15	55	52.262	171	50.01	81
29.0	40.177	199	37.81	60	23.84	40	55.27	253	44.025	173	15.70	47	52.433	203	49.20	83
Aug. 7.9	40.376	227	37.21	62	24.24	48	52.74	239	44.198	198	16.17	36	52.636	233	48.37	84
17.9	40.603	252	36.59	65	24.72	55	50.35	220	44.396	222	16.53	23	52.869	260	47.53	84
27.9	40.855	275	35.94	69	25.27	61	48.15	197	44.618	242	16.76	5	53.129	283	46.69	86
Sept. 6.8	41.130	295	35.25	73	25.88	65	46.18	170	44.860	260	16.81	14	53.412	304	45.83	86
16.8	41.425	310	34.52	77	26.53	70	44.48	140	45.120	276	16.67	36	53.716	322	44.97	86
26.8	41.735	324	33.75	79	27.23	74	43.08	106	45.396	289	16.31	57	54.038	336	44.11	85
Okt. 6.8	42.059	334	32.96	80	27.97	75	42.02	70	45.685	298	15.74	79	54.374	347	43.26	83
16.7	42.393	340	32.16	80	28.72	75	41.32	32	45.983	304	14.95	99	54.721	353	42.43	78
26.7	42.733	340	31.36	77	29.47	75	41.00	9	46.287	304	13.96	116	55.074	354	41.65	70
Nov. 5.7	43.073	333	30.59	70	30.22	72	41.09	50	46.591	298	12.80	129	55.428	347	40.95	60
15.7	43.406	320	29.89	60	30.94	69	41.59	91	46.889	286	11.51	137	55.775	334	40.35	46
25.6	43.726	297	29.29	48	31.63	62	42.50	131	47.175	265	10.14	141	56.109	310	39.89	30
Dez. 5.6	44.023	265	28.81	33	32.25	55	43.81	168	47.440	238	8.73	138	56.419	278	39.59	13
15.6	44.288	227	28.48	16	32.80	45	45.49	200	47.678	202	7.35	132	56.697	238	39.46	6
25.5	44.515	179	28.32	0	33.25	34	47.49	225	47.880	160	6.03	120	56.935	190	39.52	25
35.5	44.694		28.32		33.59		49.74		48.040		4.83		57.125		39.77	
Mittl. Ort	38.173		43.84		21.64		65.79		42.297		19.87		50.382		55.59	
sec δ, tg δ	1.132		+0.531		2.745		+2.556		1.011		+0.149		1.178		+0.624	

Mittlere Zeit Greenw.	287) α Geminorum[1]) AR.		Dekl.		289) 25 Monocerotis AR.		Dekl.	
1918	$7^h\ 29^m$		+32° 3′		$7^h\ 33^m$		−3° 55′	
Jan. 0.5	25.026	166	64.76	32	14.477	134	41.35	189
10.5	25.192	108	65.08	49	14.611	86	43.24	174
20.5	25.300	49	65.57	61	14.697	35	44.98	155
30.5	25.349	9	66.18	69	14.732	13	46.53	134
Feb. 9.4	25.340	64	66.87	73	14.719	60	47.87	111
19.4	25.276	112	67.60	72	14.659	99	48.98	88
März 1.4	25.164	151	68.32	65	14.560	131	49.86	65
11.3	25.013	178	68.97	55	14.429	154	50.51	42
21.3	24.835	194	69.52	41	14.275	167	50.93	20
31.3	24.641	199	69.93	26	14.108	170	51.13	0
Apr. 10.3	24.442	191	70.19	10	13.938	165	51.13	20
20.2	24.251	174	70.29	7	13.773	151	50.93	39
30.2	24.077	147	70.22	23	13.622	129	50.54	57
Mai 10.2	23.930	114	69.99	37	13.493	103	49.97	74
20.2	23.816	77	69.62	50	13.390	73	49.23	89
30.1	23.739	36	69.12	60	13.317	39	48.34	102
Juni 9.1	23.703	7	68.52	68	13.278	5	47.32	113
19.1	23.710	48	67.84	74	13.273	29	46.19	121
29.0	23.758	89	67.10	79	13.302	63	44.98	125
Juli 9.0	23.847	128	66.31	82	13.365	96	43.73	125
19.0	23.975	164	65.49	85	13.461	126	42.48	120
29.0	24.139	197	64.64	87	13.587	155	41.28	111
Aug. 7.9	24.336	227	63.77	88	13.742	182	40.17	96
17.9	24.563	255	62.89	90	13.924	206	39.21	76
27.9	24.818	278	61.99	91	14.130	228	38.45	52
Sept. 6.9	25.096	301	61.08	92	14.358	247	37.93	24
16.8	25.397	318	60.16	92	14.605	266	37.69	7
26.8	25.715	334	59.24	91	14.871	280	37.76	40
Okt. 6.8	26.049	346	58.33	89	15.151	291	38.16	74
16.7	26.395	353	57.44	83	15.442	298	38.90	107
26.7	26.748	354	56.61	76	15.740	299	39.97	137
Nov. 5.7	27.102	350	55.85	65	16.039	294	41.34	162
15.7	27.452	336	55.20	51	16.333	283	42.96	181
25.6	27.788	314	54.69	35	16.616	264	44.77	195
Dez. 5.6	28.102	283	54.34	16	16.880	236	46.72	201
15.6	28.385	243	54.18	2	17.116	201	48.73	202
25.6	28.628	194	54.20	22	17.317	160	50.75	194
35.5	28.822		54.42		17.477		52.69	
Mittl. Ort	22.117		71.36		12.104		37.28	
sec δ, tg δ	1.180		+0.627		1.002		−0.069	

Mittlere Zeit Greenw.	291) α Canis min.[2]) AR.		Dekl.		292) 24 Lyncis AR.		Dekl.	
1918	$7^h\ 35^m$		+5° 25′		$7^h\ 36^m$		+58° 53′	
Jan. 0.5	3.013	139	64.98	137	8.958	241	64.79	183
10.5	3.152	89	63.61	120	9.199	151	66.62	200
20.5	3.241	39	62.41	103	9.350	58	68.62	208
30.5	3.280	10	61.38	83	9.408	34	70.70	207
Feb. 9.4	3.270	57	60.55	65	9.374	122	72.77	196
19.4	3.213	98	59.90	48	9.252	199	74.73	178
März 1.4	3.115	130	59.42	31	9.053	262	76.51	151
11.3	2.985	152	59.11	16	8.791	310	78.02	117
21.3	2.833	166	58.95	3	8.481	339	79.19	79
31.3	2.667	170	58.92	9	8.142	351	79.98	38
Apr. 10.3	2.497	163	59.01	19	7.791	344	80.36	4
20.2	2.334	148	59.20	30	7.447	320	80.32	45
30.2	2.186	126	59.50	38	7.127	283	79.87	84
Mai 10.2	2.060	98	59.88	46	6.844	233	79.03	119
20.2	1.962	67	60.34	55	6.611	176	77.84	151
30.1	1.895	34	60.89	61	6.435	111	76.33	177
Juni 9.1	1.861	2	61.50	66	6.324	43	74.56	197
19.1	1.863	37	62.16	70	6.281	25	72.59	213
29.0	1.900	71	62.86	71	6.306	93	70.46	224
Juli 9.0	1.971	104	63.57	69	6.399	160	68.22	228
19.0	2.075	133	64.26	65	6.559	222	65.94	228
29.0	2.208	162	64.91	56	6.781	280	63.66	224
Aug. 7.9	2.370	188	65.47	44	7.061	334	61.42	216
17.9	2.558	211	65.91	29	7.395	382	59.26	204
27.9	2.769	233	66.20	9	7.777	425	57.22	188
Sept. 6.9	3.002	252	66.29	12	8.202	462	55.34	170
16.8	3.254	269	66.17	36	8.664	495	53.64	147
26.8	3.523	283	65.81	60	9.159	520	52.17	123
Okt. 6.8	3.806	293	65.21	85	9.679	539	50.94	94
16.7	4.099	300	64.36	109	10.218	549	50.00	64
26.7	4.399	302	63.27	128	10.767	550	49.36	31
Nov. 5.7	4.701	298	61.99	145	11.317	539	49.05	5
15.7	4.999	286	60.54	155	11.856	516	49.10	41
25.6	5.285	267	58.99	161	12.372	480	49.51	77
Dez. 5.6	5.552	240	57.38	160	12.852	429	50.28	112
15.6	5.792	205	55.78	155	13.281	365	51.40	144
25.6	5.997	164	54.23	145	13.646	289	52.84	171
35.5	6.161		52.78		13.935		54.55	
Mittl. Ort	0.567		70.03		4.636		73.14	
sec δ, tg δ	1.005		+0.095		1.936		+1.658	

1) AR. der Mitte; Dekl. des folgenden helleren Sterns.

2) Ort des Hauptsterns; die jährliche Parallaxe (0″.33) ist bereits berücksichtigt.

Mittlere Zeit Greenw.	294) κ Geminorum AR.		294) κ Geminorum Dekl.		295) β Geminorum AR.		295) β Geminorum Dekl.		296) π Geminorum AR.		296) π Geminorum Dekl.		297) ξ Volantis AR.		297) ξ Volantis Dekl.	
1918	7h 39m		+24° 35′		7h 40m		+28° 13′		7h 42m		+33° 36′		7h 42m		−72° 24′	
Jan. 0.5	32.694	167	37.69	18	20.834	171	23.98	5	16.298	182	57.28	37	54.19	10	31.75	387
10.5	32.861	114	37.51	1	21.005	116	24.03	22	16.480	125	57.65	55	54.29	5	35.62	385
20.5	32.975	58	37.50	15	21.121	59	24.25	37	16.605	64	58.20	69	54.24	19	39.47	372
30.5	33.033	2	37.65	27	21.180	2	24.62	48	16.669	4	58.89	80	54.05	31	43.19	350
Feb. 9.4	33.035	49	37.92	37	21.182	51	25.10	56	16.673	52	59.69	84	53.74	44	46.69	320
19.4	32.986	95	38.29	42	21.131	99	25.66	59	16.621	103	60.53	83	53.30	54	49.89	283
März 1.4	32.891	132	38.71	43	21.032	138	26.25	56	16.518	144	61.36	78	52.76	62	52.72	240
11.4	32.759	160	39.14	41	20.894	166	26.81	51	16.374	175	62.14	67	52.14	69	55.12	193
21.3	32.599	177	39.55	35	20.728	184	27.32	43	16.199	193	62.81	52	51.45	73	57.05	142
31.3	32.422	181	39.90	27	20.544	189	27.75	30	16.006	200	63.33	36	50.72	75	58.47	90
Apr. 10.3	32.241	176	40.17	19	20.355	184	28.05	18	15.806	196	63.69	17	49.97	75	59.37	37
20.2	32.065	162	40.36	9	20.171	169	28.23	5	15.610	180	63.86	1	49.22	73	59.74	18
30.2	31.903	139	40.45	0	20.002	146	28.28	8	15.430	156	63.85	19	48.49	69	59.56	69
Mai 10.2	31.764	109	40.45	9	19.856	116	28.20	20	15.274	125	63.66	36	47.80	65	58.87	120
20.2	31.655	76	40.36	16	19.740	80	28.00	30	15.149	88	63.30	50	47.15	57	57.67	167
30.1	31.579	39	40.20	23	19.660	43	27.70	39	15.061	48	62.80	64	46.58	49	56.00	210
Juni 9.1	31.540	0	39.97	28	19.617	4	27.31	47	15.013	7	62.16	74	46.09	39	53.90	247
19.1	31.540	37	39.69	33	19.613	36	26.84	53	15.006	35	61.42	83	45.70	29	51.43	277
29.1	31.577	75	39.36	37	19.649	74	26.31	58	15.041	76	60.59	89	45.41	18	48.66	299
Juli 9.0	31.652	111	38.99	41	19.723	112	25.73	63	15.117	115	59.70	94	45.23	6	45.67	313
19.0	31.763	144	38.58	45	19.835	146	25.10	66	15.232	152	58.76	99	45.17	6	42.54	318
29.0	31.907	175	38.13	50	19.981	178	24.44	71	15.384	186	57.77	101	45.23	18	39.36	311
Aug. 7.9	32.082	203	37.63	55	20.159	208	23.73	74	15.570	218	56.76	103	45.41	30	36.25	295
17.9	32.285	230	37.08	61	20.367	234	22.99	79	15.788	247	55.73	106	45.71	41	33.30	268
27.9	32.515	253	36.47	69	20.601	260	22.20	84	16.035	272	54.67	106	46.12	51	30.62	231
Sept. 6.9	32.768	275	35.78	75	20.861	281	21.36	88	16.307	297	53.61	107	46.63	60	28.31	184
16.8	33.043	293	35.03	83	21.142	300	20.48	92	16.604	317	52.54	107	47.23	68	26.47	130
26.8	33.336	310	34.20	89	21.442	318	19.56	96	16.921	334	51.47	105	47.91	74	25.17	69
Okt. 6.8	33.646	322	33.31	95	21.760	330	18.60	97	17.255	349	50.42	100	48.65	76	24.48	4
16.8	33.968	331	32.36	97	22.090	340	17.63	96	17.604	359	49.42	95	49.41	77	24.44	62
26.7	34.299	335	31.39	98	22.430	343	16.67	93	17.963	362	48.47	85	50.18	76	25.06	129
Nov. 5.7	34.634	331	30.41	95	22.773	340	15.74	85	18.325	359	47.62	72	50.94	71	26.35	191
15.7	34.965	321	29.46	88	23.113	329	14.89	75	18.684	349	46.90	57	51.65	65	28.26	249
25.6	35.286	303	28.58	76	23.442	310	14.14	61	19.033	328	46.33	38	52.30	56	30.75	297
Dez. 5.6	35.589	274	27.82	63	23.752	282	13.53	44	19.361	298	45.95	18	52.86	45	33.72	336
15.6	35.863	238	27.19	46	24.034	244	13.09	26	19.659	260	45.77	4	53.31	32	37.08	364
25.6	36.101	194	26.73	28	24.278	199	12.83	6	19.919	211	45.81	26	53.63	18	40.72	381
35.5	36.295		26.45		24.477		12.77		20.130		46.07		53.81		44.53	
Mittl. Ort	29.984		44.47		18.046		31.10		13.376		64.93		50.10		33.63	
sec δ, tg δ	1.100		+0.458		1.135		+0.537		1.201		+0.665		3.309		−3.154	

Mittlere Zeit Greenw.	300) Gr. 1374				303) χ Argus				305) χ Geminorum				306) ζ Argus			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$7^h 50^m$		$+74° 7'$		$7^h 54^m$		$-52° 45'$		$7^h 58^m$		$+28° 1'$		$8^h 0^m$		$-39° 46'$	
	s		"		s		"		s		"		s		"	
Jan. 0.6	31.67	42	70.14	245	44.351	134	41.53	377	31.838	191	22.58	4	44.475	145	17.71	349
10.5	32.09	26	72.59	264	44.485	59	45.30	375	32.029	137	22.54	15	44.620	85	21.20	345
20.5	32.35	9	75.23	273	44.544	15	49.05	361	32.166	79	22.69	34	44.705	24	24.65	330
30.5	32.44	8	77.96	269	44.529	88	52.66	338	32.245	22	23.03	48	44.729	36	27.95	307
Feb. 9.4	32.36	24	80.65	255	44.441	154	56.04	307	32.267	32	23.51	57	44.693	91	31.02	276
19.4	32.12	39	83.20	230	44.287	212	59.11	271	32.235	82	24.08	63	44.602	141	33.78	242
März 1.4	31.73	51	85.50	196	44.075	260	61.82	229	32.153	123	24.71	63	44.461	182	36.20	203
11.4	31.22	60	87.46	154	43.815	297	64.11	182	32.030	154	25.34	60	44.279	212	38.23	160
21.3	30.62	67	89.00	106	43.518	321	65.93	134	31.876	174	25.94	51	44.067	234	39.83	115
31.3	29.95	70	90.06	55	43.197	333	67.27	83	31.702	184	26.45	41	43.833	243	40.98	70
Apr. 10.3	29.25	71	90.61	1	42.864	334	68.10	31	31.518	182	26.86	29	43.590	244	41.68	23
20.3	28.54	67	90.62	51	42.530	324	68.41	19	31.336	171	27.15	15	43.346	235	41.91	22
30.2	27.87	62	90.11	101	42.206	303	68.22	69	31.165	150	27.30	2	43.111	217	41.69	67
Mai 10.2	27.25	54	89.10	147	41.903	273	67.53	117	31.015	123	27.32	11	42.894	193	41.02	109
20.2	26.71	44	87.63	188	41.630	237	66.36	162	30.892	92	27.21	24	42.701	163	39.93	148
30.1	26.27	33	85.75	223	41.393	195	64.74	201	30.800	56	26.97	34	42.538	129	38.45	184
Juni 9.1	25.94	21	83.52	251	41.198	147	62.73	236	30.744	19	26.63	43	42.409	91	36.61	215
19.1	25.73	8	81.01	273	41.051	96	60.37	265	30.725	19	26.20	52	42.318	50	34.46	239
29.1	25.65	5	78.28	287	40.955	42	57.72	285	30.744	57	25.68	59	42.268	9	32.07	257
Juli 9.0	25.70	18	75.41	295	40.913	14	54.87	298	30.801	93	25.09	65	42.259	33	29.50	267
19.0	25.88	30	72.46	296	40.927	69	51.89	301	30.894	127	24.44	71	42.292	76	26.83	269
29.0	26.18	42	69.50	291	40.996	126	48.88	295	31.021	160	23.73	77	42.368	117	24.14	262
Aug. 8.0	26.60	52	66.59	280	41.122	180	45.93	278	31.181	190	22.96	83	42.485	158	21.52	246
17.9	27.12	63	63.79	263	41.302	232	43.15	252	31.371	219	22.13	88	42.643	197	19.06	221
27.9	27.75	72	61.16	242	41.534	280	40.63	216	31.590	244	21.25	94	42.840	234	16.85	187
Sept. 6.9	28.47	80	58.74	216	41.814	325	38.47	170	31.834	269	20.31	101	43.074	267	14.98	144
16.8	29.27	87	56.58	184	42.139	363	36.77	117	32.103	291	19.30	105	43.341	298	13.54	95
26.8	30.14	92	54.74	150	42.502	393	35.60	58	32.394	310	18.25	110	43.639	322	12.59	40
Okt. 6.8	31.06	96	53.24	111	42.895	415	35.02	5	32.704	326	17.15	112	43.961	342	12.19	18
16.8	32.02	98	52.13	69	43.310	427	35.07	69	33.030	339	16.03	111	44.303	354	12.37	78
26.7	33.00	98	51.44	25	43.737	426	35.76	133	33.369	345	14.92	108	44.657	357	13.15	137
Nov. 5.7	33.98	96	51.19	22	44.163	414	37.09	194	33.714	346	13.84	101	45.014	352	14.52	191
15.7	34.94	92	51.41	69	44.577	390	39.03	248	34.060	339	12.83	90	45.366	337	16.43	240
25.7	35.86	86	52.10	115	44.967	352	41.51	295	34.399	322	11.93	75	45.703	311	18.83	281
Dez. 5.6	36.72	76	53.25	159	45.319	304	44.46	332	34.721	296	11.18	58	46.014	275	21.64	313
15.6	37.48	65	54.84	198	45.623	244	47.78	358	35.017	261	10.60	38	46.289	231	24.77	336
25.6	38.13	51	56.82	231	45.867	177	51.36	373	35.278	218	10.22	16	46.520	178	28.13	346
35.5	38.64		59.13		46.044		55.09		35.496		10.06		46.698		31.59	
Mittl. Ort	24.44		80.27		41.682		42.54		29.103		30.89		42.073		17.58	
sec δ, tg δ	3.659		+3.520		1.652		−1.316		1.133		+0.532		1.301		−0.832	

Mittlere Zeit Greenw.	307) 27 Lyncis				308) ι Navis				309) γ Argus				310) Br. 1147			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	8h 2m		+51° 44′		8h 4m		−24° 3′		8h 7m		−47° 5′		8h 9m		+76° 0′	
Jan. 0.6	21.416	252	28.78	133	5.374	153	64.02	295	2.800	153	39.05	367	24.39	53	21.04	242
10.5	21.668	178	30.11	155	5.527	102	66.97	286	2.953	87	42.72	366	24.92	35	23.46	265
20.5	21.846	99	31.66	171	5.629	49	69.83	269	3.040	19	46.38	353	25.27	16	26.11	277
30.5	21.945	19	33.37	179	5.678	4	72.52	246	3.059	47	49.91	332	25.43	3	28.88	279
Feb. 9.5	21.964	57	35.16	178	5.674	54	74.98	218	3.012	108	53.23	304	25.40	22	31.67	270
19.4	21.907	127	36.94	168	5.620	98	77.16	187	2.904	163	56.27	268	25.18	38	34.37	248
März 1.4	21.780	185	38.62	152	5.522	135	79.03	153	2.741	209	58.95	228	24.80	53	36.85	217
11.4	21.595	231	40.14	128	5.387	162	80.56	117	2.532	244	61.23	184	24.27	65	39.02	177
21.3	21.364	262	41.42	99	5.225	181	81.73	81	2.288	269	63.07	137	23.62	73	40.79	130
31.3	21.102	278	42.41	65	5.044	191	82.54	44	2.019	281	64.44	90	22.89	79	42.09	79
Apr. 10.3	20.824	279	43.06	29	4.853	190	82.98	7	1.738	284	65.34	40	22.10	81	42.88	25
20.3	20.545	265	43.35	6	4.663	181	83.05	28	1.454	276	65.74	9	21.29	78	43.13	29
30.2	20.280	240	43.29	43	4.482	165	82.77	62	1.178	259	65.65	57	20.51	74	42.84	82
Mai 10.2	20.040	205	42.86	75	4.317	143	82.15	96	0.919	236	65.08	104	19.77	65	42.02	131
20.2	19.835	161	42.11	106	4.174	116	81.19	125	0.683	204	64.04	146	19.12	56	40.71	175
30.2	19.674	111	41.05	133	4.058	85	79.94	152	0.479	167	62.58	186	18.56	45	38.96	214
Juni 9.1	19.563	59	39.72	155	3.973	54	78.42	175	0.312	127	60.72	220	18.11	31	36.82	247
19.1	19.504	4	38.17	173	3.919	19	76.67	193	0.185	82	58.52	248	17.80	17	34.35	272
29.1	19.500	50	36.44	188	3.900	16	74.74	205	0.103	36	56.04	269	17.63	3	31.63	291
Juli 9.0	19.550	104	34.56	197	3.916	50	72.69	212	0.067	11	53.35	283	17.60	11	28.72	303
19.0	19.654	155	32.59	203	3.966	85	70.57	212	0.078	60	50.52	287	17.71	25	25.69	309
29.0	19.809	204	30.56	206	4.051	118	68.45	203	0.138	109	47.65	283	17.96	38	22.60	306
Aug. 8.0	20.013	249	28.50	204	4.169	150	66.42	188	0.247	156	44.82	267	18.34	52	19.54	299
17.9	20.262	291	26.46	200	4.319	180	64.54	165	0.403	203	42.15	244	18.86	64	16.55	286
27.9	20.553	330	24.46	192	4.499	210	62.89	134	0.606	246	39.71	210	19.50	74	13.69	266
Sept. 6.9	20.883	365	22.54	181	4.709	238	61.55	97	0.852	286	37.61	167	20.24	84	11.03	241
16.9	21.248	396	20.73	167	4.947	262	60.58	55	1.138	321	35.94	116	21.08	92	8.62	212
26.8	21.644	424	19.06	150	5.209	283	60.03	8	1.459	352	34.78	60	22.00	100	6.50	178
Okt. 6.8	22.068	446	17.56	129	5.492	300	59.95	42	1.811	374	34.18	1	23.00	105	4.72	139
16.8	22.514	462	16.27	106	5.792	313	60.37	91	2.185	388	34.19	63	24.05	109	3.33	97
26.7	22.976	470	15.21	79	6.105	318	61.28	140	2.573	394	34.82	125	25.14	110	2.36	51
Nov. 5.7	23.446	469	14.42	48	6.423	317	62.68	184	2.967	387	36.07	185	26.24	109	1.85	3
15.7	23.915	458	13.94	15	6.740	307	64.52	222	3.354	369	37.92	238	27.33	105	1.82	47
25.7	24.373	434	13.79	19	7.047	288	66.74	253	3.723	340	40.30	284	28.38	98	2.29	96
Dez. 5.6	24.807	398	13.98	53	7.335	260	69.27	277	4.063	299	43.14	320	29.36	90	3.25	143
15.6	25.205	350	14.51	87	7.595	225	72.04	291	4.362	250	46.34	347	30.26	78	4.68	187
25.6	25.555	290	15.38	117	7.820	181	74.95	295	4.612	191	49.81	362	31.04	62	6.55	223
35.6	25.845		16.55		8.001		77.90		4.803		53.43		31.66		8.78	
Mittl. Ort	17.792		39.33		3.087		62.02		0.294		39.95		16.58		33.20	
sec δ, tg δ	1.615		+1.268		1.095		−0.447		1.469		−1.076		4.136		+4.014	

Mittlere Zeit Greenw.	311) 20 Navis AR.		311) 20 Navis Dekl.		312) β Cancri AR.		312) β Cancri Dekl.		314) 31 Lyncis AR.		314) 31 Lyncis Dekl.		315) ε Argus AR.		315) ε Argus Dekl.	
1918	8h 9m		−15° 32′		8h 12m		+9° 26′		8h 17m		+43° 26′		8h 20m		−59° 14′	
Jan. 0.6	36.118	163	28.76	257	6.595	182	14.02	123	16.791	243	56.62	79	52.828	185	39.89	384
10.5	36.281	114	31.33	247	6.777	134	12.79	105	17.034	181	57.41	103	53.013	100	43.73	387
20.5	36.395	62	33.80	229	6.911	82	11.74	85	17.215	112	58.44	122	53.113	13	47.60	382
30.5	36.457	12	36.09	207	6.993	31	10.89	66	17.327	43	59.66	136	53.126	72	51.42	365
Feb. 9.5	36.469	37	38.16	181	7.024	19	10.23	46	17.370	23	61.02	143	53.054	151	55.07	339
19.4	36.432	81	39.97	152	7.005	63	9.77	29	17.347	85	62.45	141	52.903	221	58.46	307
März 1.4	36.351	117	41.49	123	6.942	101	9.48	14	17.262	138	63.86	132	52.682	282	61.53	269
11.4	36.234	145	42.72	92	6.841	130	9.34	1	17.124	180	65.18	118	52.400	330	64.22	225
21.3	36.089	163	43.64	61	6.711	150	9.33	10	16.944	208	66.36	97	52.070	366	66.47	177
31.3	35.926	172	44.25	31	6.561	159	9.43	17	16.736	225	67.33	72	51.704	387	68.24	127
Apr. 10.3	35.754	173	44.56	1	6.402	160	9.60	25	16.511	229	68.05	44	51.317	396	69.51	75
20.3	35.581	165	44.57	28	6.242	151	9.85	30	16.282	220	68.49	16	50.921	393	70.26	22
30.2	35.416	149	44.29	56	6.091	136	10.15	34	16.062	201	68.65	13	50.528	378	70.48	29
Mai 10.2	35.267	129	43.73	82	5.955	114	10.49	38	15.861	173	68.52	41	50.150	354	70.19	80
20.2	35.138	103	42.91	106	5.841	88	10.87	41	15.688	138	68.11	67	49.796	319	69.39	129
30.2	35.035	74	41.85	127	5.753	58	11.28	44	15.550	99	67.44	91	49.477	276	68.10	174
Juni 9.1	34.961	44	40.58	145	5.695	26	11.72	45	15.451	55	66.53	112	49.201	227	66.36	214
19.1	34.917	11	39.13	159	5.669	5	12.17	45	15.396	10	65.41	129	48.974	173	64.22	249
29.1	34.906	22	37.54	168	5.674	38	12.62	44	15.386	34	64.12	144	48.801	113	61.73	275
Juli 9.0	34.928	53	35.86	173	5.712	69	13.06	41	15.420	78	62.68	155	48.688	49	58.98	295
19.0	34.981	85	34.13	171	5.781	99	13.47	35	15.498	121	61.13	164	48.639	17	56.03	305
29.0	35.066	117	32.42	163	5.880	128	13.82	27	15.619	161	59.49	170	48.656	84	52.98	304
Aug. 8.0	35.183	146	30.79	149	6.008	156	14.09	15	15.780	200	57.79	173	48.740	151	49.94	295
17.9	35.329	174	29.30	128	6.164	182	14.24	2	15.980	237	56.06	174	48.891	217	46.99	275
27.9	35.503	202	28.02	100	6.346	207	14.26	15	16.217	271	54.32	173	49.108	281	44.24	243
Sept. 6.9	35.705	227	27.02	68	6.553	231	14.11	34	16.488	302	52.59	170	49.389	340	41.81	203
16.9	35.932	251	26.34	29	6.784	252	13.77	55	16.790	331	50.89	164	49.729	391	39.78	153
26.8	36.183	272	26.05	11	7.036	272	13.22	76	17.121	358	49.25	155	50.120	435	38.25	97
Okt. 6.8	36.455	289	26.16	54	7.308	290	12.46	97	17.479	380	47.70	143	50.555	469	37.28	34
16.8	36.744	301	26.70	98	7.598	303	11.49	116	17.859	397	46.27	127	51.024	491	36.94	31
26.7	37.045	309	27.68	138	7.901	312	10.33	133	18.256	409	45.00	109	51.515	498	37.25	97
Nov. 5.7	37.354	310	29.06	176	8.213	314	9.00	146	18.665	412	43.91	85	52.013	490	38.22	162
15.7	37.664	302	30.82	208	8.527	309	7.54	154	19.077	407	43.06	59	52.503	468	39.84	221
25.7	37.966	287	32.90	233	8.836	297	6.00	156	19.484	390	42.47	30	52.971	429	42.05	273
Dez. 5.6	38.253	262	35.23	250	9.133	275	4.44	153	19.874	363	42.17	0	53.400	376	44.78	318
15.6	38.515	229	37.73	259	9.408	244	2.91	144	20.237	324	42.17	32	53.776	311	47.96	351
25.6	38.744	188	40.32	259	9.652	206	1.47	132	20.561	275	42.49	62	54.087	235	51.47	373
35.6	38.932		42.91		9.858		0.15		20.836		43.11		54.322		55.20	
Mittl. Ort	33.849		25.59		4.192		20.82		13.659		67.82		49.984		42.65	
sec δ, tg δ	1.038		−0.278		1.014		+0.166		1.378		+0.947		1.956		−1.681	

Mittlere Zeit Greenw.	316) Br. 1197 AR.		316) Br. 1197 Dekl.		318) ϑ Chamael. AR.		318) ϑ Chamael. Dekl.		317) o Ursae majoris AR.		317) o Ursae majoris Dekl.		320) Gr. 1450 AR.		320) Gr. 1450 Dekl.	
	$8^h\ 21^m$		$-3°\ 38'$		$8^h\ 23^m$		$-77°\ 13'$		$8^h\ 23^m$		$+60°\ 59'$		$8^h\ 27^m$		$+38°\ 17'$	
1918	s		"		s		"		s		"		s		"	
Jan. 0.6	36.125	181	22.31	200	12.28	28	9.06	379	32.10	34	23.76	167	38.341	240	43.58	42
10.5	36.306	134	24.31	185	12.56	8	12.85	389	32.44	24	25.43	194	38.581	183	44.00	68
20.5	36.440	83	26.16	166	12.64	11	16.74	387	32.68	15	27.37	214	38.764	120	44.68	90
30.5	36.523	32	27.82	145	12.53	28	20.61	376	32.83	5	29.51	224	38.884	56	45.58	107
Feb. 9.5	36.555	16	29.27	122	12.25	45	24.37	355	32.88	5	31.75	223	38.940	7	46.65	117
19.4	36.539	59	30.49	98	11.80	61	27.92	327	32.83	14	33.98	214	38.933	66	47.82	121
März 1.4	36.480	97	31.47	75	11.19	74	31.19	292	32.69	22	36.12	195	38.867	115	49.03	118
11.4	36.383	127	32.22	52	10.45	84	34.11	250	32.47	28	38.07	167	38.752	155	50.21	108
21.4	36.256	146	32.74	30	9.61	92	36.61	205	32.19	33	39.74	133	38.597	184	51.29	93
31.3	36.110	157	33.04	9	8.69	98	38.66	155	31.86	36	41.07	93	38.413	202	52.22	74
Apr. 10.3	35.953	159	33.13	10	7.71	100	40.21	104	31.50	37	42.00	50	38.211	206	52.96	52
20.3	35.794	152	33.03	29	6.71	102	41.25	51	31.13	36	42.50	6	38.005	200	53.48	28
30.2	35.642	139	32.74	45	5.69	99	41.76	3	30.77	34	42.56	37	37.805	185	53.76	3
Mai 10.2	35.503	120	32.29	60	4.70	95	41.73	55	30.43	30	42.19	80	37.620	160	53.79	21
20.2	35.383	95	31.69	75	3.75	88	41.18	107	30.13	25	41.39	118	37.460	129	53.58	44
30.2	35.288	69	30.94	88	2.87	79	40.11	155	29.88	20	40.21	153	37.331	94	53.14	65
Juni 9.1	35.219	39	30.06	98	2.08	69	38.56	199	29.68	13	38.68	183	37.237	57	52.49	85
19.1	35.180	9	29.08	105	1.39	57	36.57	238	29.55	7	36.85	209	37.180	16	51.64	101
29.1	35.171	22	28.03	110	0.82	43	34.19	269	29.48	0	34.76	228	37.164	24	50.63	115
Juli 9.1	35.193	52	26.93	110	0.39	27	31.50	292	29.48	7	32.48	243	37.188	64	49.48	128
19.0	35.245	82	25.83	107	0.12	11	28.58	308	29.55	13	30.05	253	37.252	102	48.20	137
29.0	35.327	111	24.76	99	0.01	5	25.50	312	29.68	20	27.52	257	37.354	140	46.83	145
Aug. 8.0	35.438	139	23.77	86	0.06	23	22.38	306	29.88	26	24.95	257	37.494	175	45.38	152
17.9	35.577	166	22.91	68	0.29	39	19.32	291	30.14	32	22.38	252	37.669	210	43.86	156
27.9	35.743	193	22.23	46	0.68	54	16.41	263	30.46	37	19.86	242	37.879	241	42.30	159
Sept. 6.9	35.936	217	21.77	20	1.22	69	13.78	225	30.83	43	17.44	228	38.120	272	40.71	160
16.9	36.153	241	21.57	11	1.91	82	11.53	179	31.26	46	15.16	210	38.392	301	39.11	159
26.8	36.394	261	21.68	42	2.73	92	9.74	124	31.72	51	13.06	187	38.693	326	37.52	155
Okt. 6.8	36.655	281	22.10	75	3.65	99	8.50	63	32.23	54	11.19	161	39.019	349	35.97	149
16.8	36.936	296	22.85	108	4.64	104	7.87	3	32.77	56	9.58	130	39.368	368	34.48	139
26.8	37.232	305	23.93	138	5.68	105	7.90	69	33.33	58	8.28	94	39.736	381	33.09	125
Nov. 5.7	37.537	308	25.31	164	6.73	101	8.59	134	33.91	58	7.34	57	40.117	387	31.84	107
15.7	37.845	305	26.95	185	7.74	95	9.93	197	34.49	58	6.77	15	40.504	384	30.77	85
25.7	38.150	293	28.80	200	8.69	85	11.90	253	35.07	54	6.62	27	40.888	371	29.92	61
Dez. 5.6	38.443	271	30.80	209	9.54	71	14.43	300	35.61	51	6.89	70	41.259	348	29.31	32
15.6	38.714	242	32.89	210	10.25	57	17.43	339	36.12	45	7.59	111	41.607	314	28.99	3
25.6	38.956	204	34.99	204	10.82	39	20.82	366	36.57	39	8.70	148	41.921	269	28.96	26
35.6	39.160		37.03		11.21		24.48		36.96		10.18		42.190		29.22	
Mittl. Ort	33.847		17.20		7.33		13.39		27.85		36.83		35.440		55.02	
sec δ, tg δ	1.002		−0.064		4.521		−4.409		2.062		+1.804		1.274		+0.788	

Mittlere Zeit Greenw.	321) η Cancri				326) δ Cancri				327) α Pyxidis				328) ι Cancri			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
	$8^h\ 27^m$		$+20°\ 42'$		$8^h\ 40^m$		$+18°\ 26'$		$8^h\ 40^m$		$-32°\ 53'$		$8^h\ 41^m$		$+29°\ 3'$	
1918	s		″		s		″		s		″		s		″	
Jan. 0.6	60.683	209	65.01	62	4.089	217	73.99	81	20.041	193	24.73	329	46.940	234	27.41	19
10.6	60.892	159	64.39	40	4.306	169	73.18	59	20.234	140	28.02	327	47.174	184	27.22	7
20.5	61.051	106	63.99	18	4.475	117	72.59	36	20.374	83	31.29	316	47.358	127	27.29	31
30.5	61.157	51	63.81	2	4.592	62	72.23	14	20.457	26	34.45	298	47.485	69	27.60	51
Feb. 9.5	61.208	1	63.83	18	4.654	10	72.09	4	20.483	28	37.43	273	47.554	12	28.11	67
19.4	61.207	51	64.01	31	4.664	39	72.13	19	20.455	78	40.16	244	47.566	41	28.78	77
März 1.4	61.156	93	64.32	40	4.625	81	72.32	31	20.377	120	42.60	209	47.525	88	29.55	83
11.4	61.063	126	64.72	45	4.544	116	72.63	39	20.257	155	44.69	171	47.437	126	30.38	83
21.4	60.937	149	65.17	46	4.428	140	73.02	43	20.102	180	46.40	132	47.311	153	31.21	77
31.3	60.788	163	65.63	44	4.288	155	73.45	43	19.922	196	47.72	92	47.158	171	31.98	68
Apr. 10.3	60.625	166	66.07	39	4.133	161	73.88	41	19.726	202	48.64	50	46.987	177	32.66	55
20.3	60.459	161	66.46	34	3.972	157	74.29	37	19.524	201	49.14	9	46.810	173	33.21	41
30.3	60.298	146	66.80	26	3.815	145	74.66	32	19.323	191	49.23	31	46.637	162	33.62	24
Mai 10.2	60.152	126	67.06	18	3.670	127	74.98	26	19.132	174	48.92	71	46.475	143	33.86	8
20.2	60.026	100	67.24	10	3.543	103	75.24	19	18.958	153	48.21	107	46.332	117	33.94	8
30.2	59.926	71	67.34	3	3.440	77	75.43	13	18.805	127	47.14	142	46.215	87	33.86	24
Juni 9.1	59.855	39	67.37	5	3.363	47	75.56	6	18.678	98	45.72	172	46.128	56	33.62	39
19.1	59.816	6	67.32	12	3.316	16	75.62	1	18.580	65	44.00	197	46.072	22	33.23	52
29.1	59.810	26	67.20	20	3.300	15	75.61	8	18.515	32	42.03	217	46.050	13	32.71	64
Juli 9.1	59.836	59	67.00	27	3.315	47	75.53	16	18.483	4	39.86	230	46.063	47	32.07	76
19.0	59.895	91	66.73	35	3.362	78	75.37	24	18.487	40	37.56	236	46.110	81	31.31	86
29.0	59.986	121	66.38	43	3.440	107	75.13	34	18.527	77	35.20	234	46.191	113	30.45	96
Aug. 8.0	60.107	151	65.95	54	3.547	136	74.79	45	18.604	113	32.86	224	46.304	146	29.49	106
18.0	60.258	179	65.41	64	3.683	165	74.34	57	18.717	150	30.62	205	46.450	176	28.43	115
27.9	60.437	206	64.77	76	3.848	192	73.77	70	18.867	186	28.57	177	46.626	205	27.28	124
Sept. 6.9	60.643	231	64.01	89	4.040	219	73.07	85	19.053	220	26.80	142	46.831	234	26.04	132
16.9	60.874	256	63.12	101	4.259	244	72.22	99	19.273	253	25.38	99	47.065	262	24.72	139
26.8	61.130	279	62.11	112	4.503	268	71.23	113	19.526	282	24.39	51	47.327	288	23.33	144
Okt. 6.8	61.409	299	60.99	123	4.771	290	70.10	126	19.808	308	23.88	2	47.615	311	21.89	147
16.8	61.708	316	59.76	132	5.061	308	68.84	137	20.116	327	23.90	57	47.926	330	20.42	147
26.8	62.024	327	58.44	136	5.369	322	67.47	144	20.443	340	24.47	111	48.256	346	18.95	143
Nov. 5.7	62.351	333	57.08	136	5.691	330	66.03	147	20.783	345	25.58	163	48.602	354	17.52	135
15.7	62.684	332	55.72	133	6.021	330	64.56	146	21.128	340	27.21	211	48.956	354	16.17	122
25.7	63.016	320	54.39	124	6.351	322	63.10	140	21.468	324	29.32	252	49.310	346	14.95	105
Dez. 5.7	63.336	301	53.15	111	6.673	304	61.70	128	21.792	300	31.84	286	49.656	328	13.90	84
15.6	63.637	272	52.04	94	6.977	276	60.42	112	22.092	265	34.70	309	49.984	299	13.06	60
25.6	63.909	233	51.10	74	7.253	241	59.30	93	22.357	221	37.79	323	50.283	259	12.46	34
35.6	64.142		50.36		7.494		58.37		22.578		41.02		50.542		12.12	
Mittl. Ort	58.180		74.14		1.663		83.36		17.796		24.55		44.339		38.56	
sec δ, tg δ	1.069		+0.378		1.054		+0.334		1.191		−0.647		1.144		+0.556	

Mittlere Zeit Greenw.	330) δ Argus				334) ζ Hydrae				336) c Carinae				335) ι Ursae majoris			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$8^h\ 42^m$		$-54°\ 24'$		$8^h\ 51^m$		$+6°\ 15'$		$8^h\ 53^m$		$-60°\ 19'$		$8^h\ 53^m$		$+48°\ 21'$	
Jan. 0.6	28.965	217	24.77	375	5.901	213	22.56	154	14.21	26	46.62	376	39.211	302	37.56	81
10.6	29.182	142	28.52	382	6.114	169	21.02	135	14.47	16	50.38	388	39.513	238	38.37	114
20.5	29.324	66	32.34	379	6.283	119	19.67	114	14.63	8	54.26	389	39.751	167	39.51	140
30.5	29.390	$\overline{11}$	36.13	366	6.402	67	18.53	92	14.71	0	58.15	379	39.918	92	40.91	160
Feb. 9.5	29.379	83	39.79	344	6.469	17	17.61	70	14.71	10	61.94	361	40.010	19	42.51	173
19.5	29.296	150	43.23	314	6.486	$\overline{29}$	16.91	48	14.61	17	65.55	335	40.029	$\overline{51}$	44.24	176
März 1.4	29.146	207	46.37	279	6.457	70	16.43	30	14.44	23	68.90	301	39.978	114	46.00	171
11.4	28.939	253	49.16	238	6.387	103	16.13	$\underline{12}$	14.21	29	71.91	262	39.864	166	47.71	157
21.4	28.686	289	51.54	193	6.284	128	16.01	2	13.92	34	74.53	217	39.698	206	49.28	137
31.3	28.397	313	53.47	145	6.156	143	16.03	15	13.58	37	76.70	170	39.492	233	50.65	111
Apr. 10.3	28.084	326	54.92	96	6.013	149	16.18	25	13.21	39	78.40	119	39.259	246	51.76	81
20.3	27.758	327	55.88	$\underline{44}$	5.864	148	16.43	33	12.82	39	79.59	68	39.013	247	52.57	47
30.3	27.431	318	56.32	6	5.716	139	16.76	40	12.43	39	80.27	$\underline{16}$	38.766	236	53.04	$\underline{13}$
Mai 10.2	27.113	301	56.26	57	5.577	123	17.16	45	12.04	37	80.43	37	38.530	215	53.17	21
20.2	26.812	275	55.69	105	5.454	103	17.61	50	11.67	34	80.06	87	38.315	185	52.96	55
30.2	26.537	242	54.64	150	5.351	79	18.11	53	11.33	31	79.19	136	38.130	149	52.41	85
Juni 9.2	26.295	203	53.14	192	5.272	53	18.64	56	11.02	28	77.83	179	37.981	109	51.56	115
19.1	26.092	159	51.22	227	5.219	$\underline{25}$	19.20	56	10.74	22	76.04	219	37.872	65	50.41	140
29.1	25.933	110	48.95	256	5.194	3	19.76	54	10.52	16	73.85	252	37.807	$\underline{20}$	49.01	161
Juli 9.1	25.823	57	46.39	277	5.197	32	20.30	51	10.36	11	71.33	277	37.787	26	47.40	180
19.0	25.766	$\underline{3}$	43.62	291	5.229	60	20.81	46	10.25	$\underline{4}$	68.56	295	37.813	71	45.60	195
29.0	25.763	54	40.71	295	5.289	89	21.27	36	10.21	3	65.61	302	37.884	116	43.65	206
Aug. 8.0	25.817	113	37.76	288	5.378	116	21.63	25	10.24	9	62.59	299	38.000	160	41.59	214
18.0	25.930	170	34.88	271	5.494	145	21.88	$\underline{9}$	10.33	17	59.60	286	38.160	201	39.45	219
27.9	26.100	227	32.17	245	5.639	171	21.97	9	10.50	24	56.74	263	38.361	242	37.26	219
Sept. 6.9	26.327	282	29.72	208	5.810	199	21.88	30	10.74	30	54.11	228	38.603	281	35.07	218
16.9	26.609	331	27.64	162	6.009	224	21.58	53	11.04	36	51.83	184	38.884	319	32.89	212
26.9	26.940	375	26.02	108	6.233	249	21.05	77	11.40	42	49.99	132	39.203	353	30.77	202
Okt. 6.8	27.315	410	24.94	$\underline{49}$	6.482	272	20.28	101	11.82	46	48.67	73	39.556	384	28.75	188
16.8	27.725	437	24.45	14	6.754	292	19.27	124	12.28	50	47.94	$\underline{9}$	39.940	410	26.87	170
26.8	28.162	451	24.59	80	7.046	307	18.03	145	12.78	52	47.85	56	40.350	431	25.17	147
Nov. 5.7	28.613	453	25.39	143	7.353	316	16.58	162	13.30	52	48.41	122	40.781	443	23.70	119
15.7	29.066	440	26.82	203	7.669	317	14.96	173	13.82	50	49.63	185	41.224	445	22.51	88
25.7	29.506	415	28.85	256	7.986	311	13.23	179	14.32	48	51.48	242	41.669	436	21.63	53
Dez. 5.7	29.921	374	31.41	302	8.297	295	11.44	179	14.80	43	53.90	291	42.105	415	21.10	$\underline{16}$
15.6	30.295	321	34.43	338	8.592	269	9.65	173	15.23	38	56.81	332	42.520	379	20.94	23
25.6	30.616	258	37.81	363	8.861	235	7.92	161	15.61	30	60.13	361	42.899	333	21.17	60
35.6	30.874		41.44		9.096		6.31		15.91		63.74		43.232		21.77	
Mittl. Ort	26.372		27.87		3.645		30.15		11.44		50.90		36.071		52.12	
sec δ, tg δ	1.718		−1.397		1.006		+0.110		2.020		−1.755		1.505		+1.125	

Mittlere Zeit Greenw.	337) α Cancri				339) 10 Ursae majoris				341) ϰ Ursae majoris				343) α Volantis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$8^h\ 54^m$		+12° 10′		$8^h\ 55^m$		+42° 5′		$8^h\ 58^m$		+47° 28′		$9^h\ 1^m$		−66° 4′	
Jan. 0.6	2.577	222	24.44	122	22.291	280	75.80	46	5.156	304	39.34	74	12.41	30	1.77	374
10.6	2.799	176	23.22	101	22.571	222	76.26	78	5.460	241	40.08	106	12.71	20	5.51	390
20.5	2.975	126	22.21	78	22.793	158	77.04	105	5.701	172	41.14	135	12.91	9	9.41	394
30.5	3.101	74	21.43	56	22.951	91	78.09	126	5.873	100	42.49	156	13.00	1	13.35	389
Feb. 9.5	3.175	22	20.87	34	23.042	24	79.35	140	5.973	26	44.05	169	12.99	11	17.24	374
19.5	3.197	25	20.53	15	23.066	40	80.75	146	5.999	43	45.74	173	12.88	21	20.98	350
März 1.4	3.172	67	20.38	1	23.026	95	82.21	146	5.956	104	47.47	170	12.67	28	24.48	319
11.4	3.105	102	20.39	14	22.931	143	83.67	138	5.852	157	49.17	158	12.39	36	27.67	281
21.4	3.003	128	20.53	25	22.788	179	85.05	123	5.695	197	50.75	139	12.03	41	30.48	238
31.3	2.875	143	20.78	31	22.609	202	86.28	102	5.498	224	52.14	115	11.62	45	32.86	191
Apr. 10.3	2.732	151	21.09	36	22.407	214	87.30	77	5.274	239	53.29	85	11.17	48	34.77	142
20.3	2.581	150	21.45	39	22.193	214	88.07	50	5.035	240	54.14	52	10.69	49	36.19	89
30.3	2.431	141	21.84	39	21.979	205	88.57	22	4.795	230	54.66	19	10.20	48	37.08	36
Mai 10.2	2.290	125	22.23	39	21.774	185	88.79	8	4.565	210	54.85	15	9.72	48	37.44	18
20.2	2.165	105	22.62	38	21.589	159	88.71	36	4.355	182	54.70	48	9.24	45	37.26	70
30.2	2.060	81	23.00	36	21.430	126	88.35	64	4.173	148	54.22	79	8.79	41	36.56	120
Juni 9.2	1.979	54	23.36	32	21.304	91	87.71	88	4.025	109	53.43	108	8.38	36	35.36	167
19.1	1.925	26	23.68	29	21.213	52	86.83	110	3.916	67	52.35	133	8.02	31	33.69	209
29.1	1.899	2	23.97	25	21.161	12	85.73	131	3.849	23	51.02	155	7.71	24	31.60	245
Juli 9.1	1.901	32	24.22	19	21.149	28	84.42	147	3.826	22	49.47	174	7.47	17	29.15	273
19.0	1.933	61	24.41	10	21.177	68	82.95	162	3.848	65	47.73	190	7.30	9	26.42	294
29.0	1.994	89	24.51	1	21.245	107	81.33	174	3.913	110	45.83	203	7.21	1	23.48	305
Aug. 8.0	2.083	118	24.52	11	21.352	145	79.59	182	4.023	152	43.80	210	7.20	8	20.43	306
18.0	2.201	146	24.41	25	21.497	183	77.77	190	4.175	193	41.70	216	7.28	17	17.37	296
27.9	2.347	173	24.16	42	21.680	219	75.87	194	4.368	234	39.54	219	7.45	26	14.41	275
Sept. 6.9	2.520	200	23.74	59	21.899	254	73.93	195	4.602	273	37.35	217	7.71	33	11.66	243
16.9	2.720	227	23.15	79	22.153	288	71.98	194	4.875	309	35.18	213	8.04	42	9.23	202
26.9	2.947	252	22.36	98	22.441	319	70.04	189	5.184	344	33.05	204	8.46	49	7.21	151
Okt. 6.8	3.199	276	21.38	117	22.760	348	68.15	182	5.528	376	31.01	191	8.95	54	5.70	92
16.8	3.475	296	20.21	135	23.108	373	66.33	169	5.904	404	29.10	174	9.49	59	4.78	30
26.8	3.771	311	18.86	149	23.481	392	64.64	152	6.308	424	27.36	152	10.08	61	4.48	37
Nov. 5.7	4.082	322	17.37	159	23.873	404	63.12	131	6.732	437	25.84	126	10.69	62	4.85	104
15.7	4.404	324	15.78	165	24.277	407	61.81	104	7.169	440	24.58	94	11.31	60	5.89	168
25.7	4.728	317	14.13	164	24.684	399	60.77	75	7.609	433	23.64	61	11.91	57	7.57	228
Dez. 5.7	5.045	303	12.49	159	25.083	381	60.02	43	8.042	413	23.03	23	12.48	52	9.85	280
15.6	5.348	278	10.90	148	25.464	350	59.59	8	8.455	379	22.80	15	13.00	44	12.65	324
25.6	5.626	244	9.42	132	25.814	307	59.51	27	8.834	334	22.95	53	13.44	36	15.89	357
35.6	5.870		8.10		26.121		59.78		9.168		23.48		13.80		19.46	
Mittl. Ort	0.278		33.28		19.410		89.71		2.085		54.13		9.33		7.04	
sec δ, tg δ	1.023		+0.216		1.348		+0.904		1.480		+1.091		2.465		−2.253	

Mittlere Zeit Greenw.	344) σ² Ursae majoris AR.		Dekl.		345) λ Argus AR.		Dekl.		347) ϑ Hydrae AR.		Dekl.		348) β Argus AR.		Dekl.	
1918	$9^h 3^m$		+67° 27′		$9^h 4^m$		−43° 6′		$9^h 10^m$		+2° 39′		$9^h 12^m$		−69° 22′	
Jan. 0.6	16.56	48	50.10	165	60.958	231	1.39	350	8.128	227	31.84	178	21.64	36	39.30	367
10.6	17.04	37	51.75	202	61.189	172	4.89	358	8.355	184	30.06	162	22.00	24	42.97	387
20.6	17.41	26	53.77	230	61.361	110	8.47	355	8.539	136	28.44	141	22.24	13	46.84	395
30.5	17.67	14	56.07	250	61.471	47	12.02	342	8.675	85	27.03	119	22.37	0	50.79	393
Feb. 9.5	17.81	2	58.57	257	61.518	−14	15.44	322	8.760	35	25.84	96	22.37	11	54.72	381
19.5	17.83	−11	61.14	253	61.504	71	18.66	295	8.795	−12	24.88	72	22.26	21	58.53	361
März 1.4	17.72	21	63.67	239	61.433	121	21.61	263	8.783	54	24.16	50	22.05	31	62.14	332
11.4	17.51	30	66.06	216	61.312	162	24.24	225	8.729	88	23.66	31	21.74	39	65.46	297
21.4	17.21	38	68.22	182	61.150	195	26.49	184	8.641	115	23.35	12	21.35	46	68.43	256
31.4	16.83	43	70.04	142	60.955	217	28.33	142	8.526	132	23.23	−3	20.89	51	70.99	211
Apr. 10.3	16.40	46	71.46	97	60.738	231	29.75	96	8.394	142	23.26	17	20.38	54	73.10	162
20.3	15.94	48	72.43	50	60.507	235	30.71	50	8.252	143	23.43	29	19.84	57	74.72	110
30.3	15.46	46	72.93	0	60.272	230	31.21	4	8.109	137	23.72	39	19.27	57	75.82	57
Mai 10.2	15.00	43	72.93	49	60.042	219	31.25	−42	7.972	125	24.11	48	18.70	56	76.39	2
20.2	14.57	39	72.44	95	59.823	201	30.83	85	7.847	108	24.59	55	18.14	53	76.41	−51
30.2	14.18	34	71.49	139	59.622	177	29.98	126	7.739	87	25.14	60	17.61	50	75.90	102
Juni 9.2	13.84	27	70.10	178	59.445	149	28.72	164	7.652	65	25.74	65	17.11	45	74.88	151
19.1	13.57	20	68.32	213	59.296	117	27.08	197	7.587	39	26.39	68	16.66	39	73.37	195
29.1	13.37	11	66.19	241	59.179	82	25.11	225	7.548	13	27.07	68	16.27	32	71.42	234
Juli 9.1	13.26	4	63.78	265	59.097	43	22.86	245	7.535	−15	27.75	66	15.95	23	69.08	266
19.1	13.22	−5	61.13	282	59.054	3	20.41	259	7.550	42	28.41	61	15.72	15	66.42	289
29.0	13.27	13	58.31	293	59.051	−39	17.82	263	7.592	69	29.02	53	15.57	5	63.53	304
Aug. 8.0	13.40	21	55.38	299	59.090	83	15.19	258	7.661	96	29.55	40	15.52	−5	60.49	309
18.0	13.61	29	52.39	300	59.173	127	12.61	245	7.757	125	29.95	25	15.57	15	57.40	302
27.9	13.90	36	49.39	293	59.300	172	10.16	222	7.882	154	30.20	6	15.72	26	54.38	284
Sept. 6.9	14.26	43	46.46	283	59.472	216	7.94	188	8.036	181	30.26	−16	15.98	36	51.54	256
16.9	14.69	50	43.63	266	59.688	258	6.06	147	8.217	209	30.10	41	16.34	45	48.98	217
26.9	15.19	56	40.97	243	59.946	296	4.59	98	8.426	236	29.69	68	16.79	53	46.81	169
Okt. 6.8	15.75	61	38.54	215	60.242	330	3.61	44	8.662	262	29.01	95	17.32	61	45.12	113
16.8	16.36	66	36.39	183	60.572	357	3.17	−15	8.924	283	28.06	121	17.93	66	43.99	50
26.8	17.02	69	34.56	144	60.929	376	3.32	75	9.207	302	26.85	146	18.59	69	43.49	−16
Nov. 5.8	17.71	71	33.12	101	61.305	386	4.07	134	9.509	314	25.39	167	19.28	70	43.65	83
15.7	18.42	71	32.11	54	61.691	384	5.41	189	9.823	319	23.72	183	19.98	69	44.48	148
25.7	19.13	70	31.57	6	62.075	370	7.30	240	10.142	316	21.89	193	20.67	65	45.96	210
Dez. 5.7	19.83	66	31.51	−45	62.445	346	9.70	282	10.458	302	19.96	197	21.32	60	48.06	265
15.6	20.49	61	31.96	95	62.791	308	12.52	316	10.760	279	17.99	194	21.92	51	50.71	311
25.6	21.10	53	32.91	140	63.099	262	15.68	339	11.039	249	16.05	185	22.43	42	53.82	348
35.6	21.63		34.31		63.361		19.07		11.288		14.20		22.85		57.30	
Mittl. Ort	11.88		67.15		58.683		3.53		5.967		39.19		18.35		45.42	
sec δ, tg δ	2.610		+2.411		1.370		−0.936		1.001		+0.047		2.839		−2.658	

Mittlere Zeit Greenw.	350) 83 Cancri				352) 40 Lyncis				353) κ Argus				354) α Hydrae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	9h 14m		+18° 2′		9h 16m		+34° 43′		9h 19m		−54° 39′		9h 23m		−8° 18′	
Jan. 0.6	26.733	246	62.43	98	6.417	278	70.03	7	36.837	279	31.65	362	35.571	234	14.24	232
10.6	26.979	201	61.45	73	6.695	228	69.96	25	37.116	208	35.27	377	35.805	190	16.56	222
20.6	27.180	150	60.72	48	6.923	172	70.21	54	37.324	134	39.04	381	35.995	142	18.78	205
30.5	27.330	98	60.24	23	7.095	110	70.75	80	37.458	57	42.85	376	36.137	93	20.83	186
Feb. 9.5	27.428	44	60.01	1	7.205	50	71.55	100	37.515	16	46.61	361	36.230	43	22.69	162
19.5	27.472	5	60.00	19	7.255	9	72.55	114	37.499	87	50.22	338	36.273	4	24.31	137
März 1.5	27.467	51	60.19	34	7.246	61	73.69	121	37.412	148	53.60	308	36.269	46	25.68	111
11.4	27.416	89	60.53	44	7.185	106	74.90	120	37.264	201	56.68	272	36.223	81	26.79	85
21.4	27.327	118	60.97	52	7.079	141	76.10	114	37.063	243	59.40	232	36.142	109	27.64	61
31.4	27.209	138	61.49	54	6.938	165	77.24	103	36.820	276	61.72	187	36.033	128	28.25	35
Apr. 10.3	27.071	149	62.03	53	6.773	180	78.27	85	36.544	297	63.59	140	35.905	139	28.60	13
20.3	26.922	151	62.56	51	6.593	184	79.12	66	36.247	308	64.99	90	35.766	143	28.73	9
30.3	26.771	145	63.07	45	6.409	178	79.78	44	35.939	309	65.89	40	35.623	139	28.64	29
Mai 10.3	26.626	133	63.52	38	6.231	164	80.22	21	35.630	301	66.29	11	35.484	130	28.35	48
20.2	26.493	116	63.90	30	6.067	145	80.43	2	35.329	285	66.18	60	35.354	116	27.87	66
30.2	26.377	93	64.20	22	5.922	119	80.41	26	35.044	261	65.58	108	35.238	98	27.21	81
Juni 9.2	26.284	69	64.42	13	5.803	90	80.15	47	34.783	231	64.50	152	35.140	77	26.40	94
19.2	26.215	42	64.55	4	5.713	59	79.68	69	34.552	195	62.98	192	35.063	54	25.46	105
29.1	26.173	15	64.59	5	5.654	25	78.99	87	34.357	153	61.06	227	35.009	30	24.41	113
Juli 9.1	26.158	14	64.54	15	5.629	8	78.12	105	34.204	107	58.79	255	34.979	3	23.28	116
19.1	26.172	43	64.39	26	5.637	42	77.07	120	34.097	56	56.24	275	34.976	23	22.12	117
29.0	26.215	72	64.13	38	5.679	77	75.87	135	34.041	1	53.49	286	34.999	51	20.95	111
Aug. 8.0	26.287	101	63.75	51	5.756	110	74.52	148	34.040	56	50.63	287	35.050	79	19.84	102
18.0	26.388	129	63.24	64	5.866	144	73.04	159	34.096	115	47.76	279	35.129	108	18.82	86
28.0	26.517	158	62.60	80	6.010	178	71.45	168	34.211	175	44.97	260	35.237	137	17.96	66
Sept. 6.9	26.675	188	61.80	96	6.188	211	69.77	177	34.386	233	42.37	230	35.374	168	17.30	40
16.9	26.863	217	60.84	111	6.399	244	68.00	182	34.619	291	40.07	191	35.542	197	16.90	11
26.9	27.080	244	59.73	127	6.643	275	66.18	185	34.910	342	38.16	143	35.739	227	16.79	23
Okt. 6.9	27.324	271	58.46	142	6.918	305	64.33	184	35.252	388	36.73	88	35.966	254	17.02	58
16.8	27.595	295	57.04	154	7.223	331	62.49	181	35.640	424	35.85	27	36.220	279	17.60	94
26.8	27.890	314	55.50	162	7.554	354	60.68	173	36.064	452	35.58	36	36.499	299	18.54	128
Nov. 5.8	28.204	328	53.88	166	7.908	368	58.95	158	36.516	464	35.94	101	36.798	313	19.82	161
15.7	28.532	334	52.22	166	8.276	377	57.37	141	36.980	463	36.95	163	37.111	320	21.43	189
25.7	28.866	332	50.56	160	8.653	374	55.96	116	37.443	448	38.58	220	37.431	317	23.32	210
Dez. 5.7	29.198	320	48.96	148	9.027	361	54.80	90	37.891	418	40.78	270	37.748	306	25.42	225
15.6	29.518	298	47.48	132	9.388	337	53.90	59	38.309	373	43.48	313	38.054	284	27.67	234
25.6	29.816	266	46.16	111	9.725	302	53.31	26	38.682	317	46.61	345	38.338	253	30.01	233
35.6	30.082		45.05		10.027		53.05		38.999		50.06		38.591		32.34	
Mittl. Ort	24.452		73.24		3.863		84.13		34.381		36.18		33.507		9.19	
sec δ, tg δ	1.052		+0.326		1.217		+0.693		1.729		−1.410		1.011		−0.146	

Mittlere Zeit Greenw.	355) *h* Ursae majoris AR.		Dekl.		357) *d* Ursae majoris AR.		Dekl.		358) ϑ Ursae majoris AR.		Dekl.		359) ψ Argus AR.		Dekl.	
1918	9ʰ 25ᵐ		+63° 24′		9ʰ 27ᵐ		+70° 10′		9ʰ 27ᵐ		+52° 2′		9ʰ 27ᵐ		−40° 6′	
Jan. 0.6	8.75	45	58.29	129	20.25	58	71.35	154	25.991	357	49.04	72	30.278	254	23.63	337
10.6	9.20	38	59.58	169	20.83	47	72.89	196	26.348	294	49.76	111	30.532	200	27.00	346
20.6	9.58	27	61.27	203	21.30	34	74.85	230	26.642	222	50.87	146	30.732	141	30.46	346
30.5	9.85	18	63.30	228	21.64	21	77.15	255	26.864	144	52.33	172	30.873	81	33.92	336
Feb. 9.5	10.03	6	65.58	243	21.85	8	79.70	267	27.008	66	54.05	191	30.954	23	37.28	318
19.5	10.09	3	68.01	247	21.93	7	82.37	270	27.074	11	55.96	200	30.977	34	40.46	295
März 1.5	10.06	13	70.48	239	21.86	18	85.07	260	27.063	82	57.96	200	30.943	84	43.41	265
11.4	9.93	22	72.87	224	21.68	30	87.67	240	26.981	144	59.96	190	30.859	126	46.06	230
21.4	9.71	28	75.11	196	21.38	39	90.07	209	26.837	195	61.86	172	30.733	160	48.36	192
31.4	9.43	34	77.07	163	20.99	46	92.16	171	26.642	232	63.58	147	30.573	186	50.28	152
Apr. 10.3	9.09	37	78.70	123	20.53	51	93.87	127	26.410	255	65.05	117	30.387	201	51.80	109
20.3	8.72	39	79.93	79	20.02	54	95.14	78	26.155	266	66.22	81	30.186	209	52.89	65
30.3	8.33	39	80.72	32	19.48	54	95.92	27	25.889	264	67.03	43	29.977	210	53.54	22
Mai 10.3	7.94	37	81.04	14	18.94	51	96.19	23	25.625	251	67.46	5	29.767	202	53.76	22
20.2	7.57	34	80.90	61	18.43	49	95.96	75	25.374	228	67.51	33	29.565	189	53.54	64
30.2	7.23	30	80.29	105	17.94	43	95.21	121	25.146	198	67.18	71	29.376	171	52.90	105
Juni 9.2	6.93	25	79.24	145	17.51	36	94.00	165	24.948	161	66.47	106	29.205	148	51.85	142
19.2	6.68	19	77.79	182	17.15	29	92.35	204	24.787	121	65.41	137	29.057	121	50.43	175
29.1	6.49	13	75.97	213	16.86	21	90.31	237	24.666	76	64.04	166	28.936	90	48.68	203
Juli 9.1	6.36	6	73.84	241	16.65	12	87.94	267	24.590	31	62.38	191	28.846	57	46.65	225
19.1	6.30	0	71.43	262	16.53	3	85.27	288	24.559	16	60.47	212	28.789	22	44.40	241
29.0	6.30	7	68.81	278	16.50	7	82.39	304	24.575	63	58.35	228	28.767	17	41.99	247
Aug. 8.0	6.37	14	66.03	290	16.57	15	79.35	315	24.638	110	56.07	242	28.784	57	39.52	247
18.0	6.51	20	63.13	295	16.72	24	76.20	319	24.748	157	53.65	251	28.841	99	37.05	236
28.0	6.71	27	60.18	295	16.96	33	73.01	316	24.905	203	51.14	256	28.940	142	34.69	216
Sept. 6.9	6.98	34	57.23	289	17.29	42	69.85	308	25.108	249	48.58	256	29.082	186	32.53	187
16.9	7.32	39	54.34	279	17.71	50	66.77	294	25.357	293	46.02	251	29.268	227	30.66	149
26.9	7.71	45	51.55	262	18.21	57	63.83	273	25.650	336	43.51	244	29.495	268	29.17	105
Okt. 6.9	8.16	50	48.93	239	18.78	64	61.10	246	25.986	375	41.07	230	29.763	304	28.12	52
16.8	8.66	55	46.54	212	19.42	70	58.64	214	26.361	411	38.77	211	30.067	335	27.60	2
26.8	9.21	59	44.42	177	20.12	74	56.50	175	26.772	440	36.66	186	30.402	359	27.62	60
Nov. 5.8	9.80	61	42.65	138	20.86	78	54.75	132	27.212	462	34.80	157	30.761	374	28.22	118
15.7	10.41	62	41.27	95	21.64	79	53.43	83	27.674	473	33.23	122	31.135	379	29.40	172
25.7	11.03	62	40.32	47	22.43	79	52.60	31	28.147	472	32.01	83	31.514	371	31.12	222
Dez. 5.7	11.65	59	39.85	3	23.22	75	52.29	22	28.619	458	31.18	40	31.885	352	33.34	265
15.7	12.24	56	39.88	53	23.97	71	52.51	76	29.077	428	30.78	3	32.237	322	35.99	300
25.6	12.80	50	40.41	101	24.68	63	53.27	125	29.505	386	30.81	46	32.559	281	38.99	324
35.6	13.30		41.42		25.31		54.52		29.891		31.27		32.840		42.23	
Mittl. Ort	4.86		76.84		15.46		90.55		22.933		66.52		28.124		25.80	
sec δ, tg δ	2.235		+1.999		2.951		+2.776		1.626		+1.282		1.308		−0.842	

Mittlere Zeit Greenw.	360) 10 Leonis min. AR.		Dekl.		366) ϑ Antliae AR.		Dekl.		367) ε Leonis AR.		Dekl.		368) υ Ursae majoris AR.		Dekl.	
1918	9h 29m		+36° 45′		9h 40m		−27° 23′		9h 41m		+24° 8′		9h 45m		+59° 24′	
	s		″		s		″		s		″		s		″	
Jan. 0.6	14.852	296	29.27	5	34.739	253	37.14	301	14.238	276	55.47	79	13.640	437	71.13	91
10.6	15.148	247	29.22	—30	34.992	207	40.15	304	14.514	233	54.68	49	14.077	367	72.04	135
20.6	15.395	189	29.52	61	35.199	157	43.19	300	14.747	183	54.19	18	14.444	284	73.39	173
30.5	15.584	128	30.13	89	35.356	104	46.19	286	14.930	130	54.01	—9	14.728	196	75.12	203
Feb. 9.5	15.712	67	31.02	110	35.460	50	49.05	268	15.060	75	54.10	35	14.924	102	77.15	224
19.5	15.779	6	32.12	126	35.510	0	51.73	243	15.135	21	54.45	55	15.026	10	79.39	236
März 1.5	15.785	—49	33.38	135	35.510	45	54.16	214	15.156	—27	55.00	71	15.036	—78	81.75	235
11.4	15.736	96	34.73	134	35.465	85	56.30	184	15.129	69	55.71	80	14.958	154	84.10	225
21.4	15.640	135	36.07	129	35.380	115	58.14	150	15.060	104	56.51	85	14.804	219	86.35	205
31.4	15.505	162	37.36	116	35.265	140	59.64	116	14.956	128	57.36	85	14.585	271	88.40	176
Apr. 10.4	15.343	179	38.52	98	35.125	154	60.80	80	14.828	144	58.21	79	14.314	306	90.16	143
20.3	15.164	186	39.50	78	34.971	162	61.60	44	14.684	152	59.00	71	14.008	326	91.59	102
30.3	14.978	183	40.28	53	34.809	163	62.04	8	14.532	151	59.71	60	13.682	331	92.61	59
Mai 10.3	14.795	172	40.81	28	34.646	158	62.12	—26	14.381	143	60.31	46	13.351	322	93.20	15
20.2	14.623	154	41.09	2	34.488	147	61.86	60	14.238	129	60.77	31	13.029	302	93.35	—29
30.2	14.469	131	41.11	—23	34.341	131	61.26	91	14.109	111	61.08	17	12.727	271	93.06	73
Juni 9.2	14.338	103	40.88	48	34.210	114	60.35	120	13.998	89	61.25	0	12.456	232	92.33	114
19.2	14.235	74	40.40	71	34.096	90	59.15	146	13.909	65	61.25	15	12.224	187	91.19	152
29.1	14.161	40	39.69	94	34.006	67	57.69	167	13.844	38	61.10	31	12.037	137	89.67	186
Juli 9.1	14.121	7	38.75	113	33.939	40	56.02	184	13.806	11	60.79	45	11.900	84	87.81	216
19.1	14.114	—27	37.62	131	33.899	11	54.18	193	13.795	—16	60.34	61	11.816	28	85.65	240
29.1	14.141	61	36.31	147	33.888	—19	52.25	198	13.811	46	59.73	76	11.788	—29	83.25	261
Aug. 8.0	14.202	96	34.84	162	33.907	53	50.27	193	13.857	75	58.97	91	11.817	87	80.64	277
18.0	14.298	131	33.22	174	33.960	86	48.34	183	13.932	106	58.06	107	11.904	144	77.87	286
28.0	14.429	166	31.48	184	34.046	122	46.51	164	14.038	136	56.99	121	12.048	202	75.01	292
Sept. 6.9	14.595	201	29.64	193	34.168	158	44.87	137	14.174	168	55.78	136	12.250	258	72.09	291
16.9	14.796	236	27.71	198	34.326	195	43.50	102	14.342	200	54.42	150	12.508	315	69.18	286
26.9	15.032	269	25.73	201	34.521	230	42.48	63	14.542	231	52.92	162	12.823	368	66.32	275
Okt. 6.9	15.301	301	23.72	200	34.751	264	41.85	17	14.773	262	51.30	173	13.191	420	63.57	258
16.8	15.602	331	21.72	194	35.015	294	41.68	—31	15.035	291	49.57	179	13.611	465	60.99	235
26.8	15.933	355	19.78	185	35.309	318	41.99	80	15.326	315	47.78	184	14.076	504	58.64	205
Nov. 5.8	16.288	374	17.93	170	35.627	335	42.79	130	15.641	334	45.94	181	14.580	534	56.59	171
15.8	16.662	385	16.23	149	35.962	344	44.09	175	15.975	346	44.13	175	15.114	551	54.88	130
25.7	17.047	385	14.74	124	36.306	342	45.84	215	16.321	349	42.38	163	15.665	555	53.58	85
Dez. 5.7	17.432	374	13.50	95	36.648	330	47.99	250	16.670	341	40.75	144	16.220	544	52.73	36
15.7	17.806	352	12.55	60	36.978	307	50.49	276	17.011	324	39.31	122	16.764	514	52.37	—13
25.6	18.158	319	11.95	26	37.285	275	53.25	293	17.335	295	38.09	95	17.278	470	52.50	63
35.6	18.477		11.69		37.560		56.18		17.630		37.14		17.748		53.13	
Mittl. Ort	12.331		44.50		32.726		36.73		12.013		68.72		10.327		90.74	
sec δ, tg δ	1.248		+0.747		1.126		−0.518		1.096		+0.448		1.966		+1.693	

Mittlere Zeit Greenw.	369) υ Argus AR.		369) υ Argus Dekl.		370) 6 Sextantis AR.		370) 6 Sextantis Dekl.		372) Gr. 1586 AR.		372) Gr. 1586 Dekl.		378) π Leonis AR.		378) π Leonis Dekl.	
1918	9h 45m		−64° 41′		9h 47m		−3° 51′		9h 51m		+73° 15′		9h 55m		+8° 25′	
	s		″		s		″		s		″		s		″	
Jan. 0.6	5.90	39	21.76	350	8.130	253	37.16	216	10.03	70	51.82	140	54.914	267	67.57	162
10.6	6.29	30	25.26	375	8.383	213	39.32	203	10.73	60	53.22	187	55.181	227	65.95	142
20.6	6.59	20	29.01	389	8.596	168	41.35	184	11.33	46	55.09	227	55.408	182	64.53	117
30.6	6.79	11	32.90	393	8.764	118	43.19	164	11.79	30	57.36	257	55.590	134	63.36	91
Feb. 9.5	6.90	1	36.83	386	8.882	70	44.83	141	12.09	15	59.93	275	55.724	83	62.45	66
19.5	6.91	—8	40.69	371	8.952	22	46.24	115	12.24	0	62.68	283	55.807	35	61.79	41
März 1.5	6.83	17	44.40	348	8.974	—21	47.39	90	12.24	16	65.51	278	55.842	—10	61.38	19
11.4	6.66	23	47.88	317	8.953	58	48.29	66	12.08	30	68.29	261	55.832	50	61.19	0
21.4	6.43	31	51.05	280	8.895	89	48.95	44	11.78	41	70.90	234	55.782	81	61.19	—17
31.4	6.12	35	53.85	239	8.806	110	49.39	22	11.37	51	73.24	198	55.701	105	61.36	29
Apr. 10.4	5.77	39	56.24	193	8.696	125	49.61	3	10.86	58	75.22	154	55.596	121	61.65	39
20.3	5.38	41	58.17	143	8.571	132	49.64	—15	10.28	62	76.76	106	55.475	130	62.04	45
30.3	4.97	43	59.60	93	8.439	132	49.49	30	9.66	64	77.82	54	55.345	131	62.49	49
Mai 10.3	4.54	43	60.53	39	8.307	127	49.19	45	9.02	64	78.36	1	55.214	126	62.98	52
20.3	4.11	42	60.92	—14	8.180	115	48.74	58	8.38	61	78.37	—52	55.088	116	63.50	52
30.2	3.69	40	60.78	65	8.065	102	48.16	68	7.77	56	77.85	102	54.972	102	64.02	51
Juni 9.2	3.29	37	60.13	116	7.963	83	47.48	78	7.21	50	76.83	150	54.870	85	64.53	49
19.2	2.92	34	58.97	163	7.880	64	46.70	86	6.71	41	75.33	194	54.785	66	65.02	45
29.1	2.58	28	57.34	204	7.816	42	45.84	88	6.30	33	73.39	232	54.719	44	65.47	39
Juli 9.1	2.30	22	55.30	240	7.774	19	44.96	91	5.97	24	71.07	265	54.675	21	65.86	33
19.1	2.08	16	52.90	269	7.755	—6	44.05	89	5.73	13	68.42	293	54.654	—3	66.19	25
29.1	1.92	9	50.21	288	7.761	31	43.16	83	5.60	2	65.49	313	54.657	28	66.44	13
Aug. 8.0	1.83	1	47.33	299	7.792	58	42.33	72	5.58	—8	62.36	327	54.685	55	66.57	0
18.0	1.82	—8	44.34	299	7.850	87	41.61	58	5.66	19	59.09	335	54.740	82	66.57	—15
28.0	1.90	15	41.35	288	7.937	116	41.03	39	5.85	29	55.74	337	54.822	111	66.42	34
Sept. 7.0	2.05	24	38.47	266	8.053	146	40.64	16	6.14	40	52.37	332	54.933	142	66.08	54
16.9	2.29	33	35.81	232	8.199	178	40.48	—11	6.54	50	49.05	320	55.075	173	65.54	76
26.9	2.62	41	33.49	191	8.377	209	40.59	41	7.04	59	45.85	301	55.248	204	64.78	98
Okt. 6.9	3.03	47	31.58	138	8.586	240	41.00	73	7.63	68	42.84	276	55.452	236	63.80	122
16.8	3.50	53	30.20	80	8.826	267	41.73	104	8.31	76	40.08	244	55.688	264	62.58	143
26.8	4.03	58	29.40	16	9.093	290	42.77	135	9.07	83	37.64	206	55.952	290	61.15	163
Nov. 5.8	4.61	59	29.24	—50	9.383	309	44.12	163	9.90	87	35.58	161	56.242	309	59.52	179
15.8	5.20	61	29.74	115	9.692	320	45.75	187	10.77	90	33.97	112	56.551	324	57.73	189
25.7	5.81	59	30.89	178	10.012	323	47.62	204	11.67	90	32.85	58	56.875	328	55.84	194
Dez. 5.7	6.40	56	32.67	236	10.335	315	49.66	216	12.57	89	32.27	2	57.203	323	53.90	192
15.7	6.96	50	35.03	286	10.650	298	51.82	221	13.46	85	32.25	—55	57.526	308	51.98	185
25.7	7.46	44	37.89	328	10.948	272	54.03	218	14.31	76	32.80	109	57.834	283	50.13	172
35.6	7.90		41.17		11.220		56.21		15.07		33.89		58.117		48.41	
Mittl. Ort	3.17		28.70		6.147		30.75		5.04		73.00		52.914		77.41	
sec δ, tg δ	2.339		−2.115		1.002		−0.067		3.474		+3.327		1.011		+0.148	

Mittlere Zeit Greenw.	379) η Leonis AR.		Dekl.		380) α Leonis AR.		Dekl.		381) λ Hydrae AR.		Dekl.		382) q Velorum AR.		Dekl.	
1918	$10^h\ 2^m$		$+17°\ 9'$		$10^h\ 4^m$		$+12°\ 21'$		$10^h\ 6^m$		$-11°\ 56'$		$10^h\ 11^m$		$-41°\ 42'$	
	s		"		s		"		s		"		s		"	
Jan. 0.6	53.901	280	34.55	124	2.408	275	55.25	147	37.319	267	58.18	247	19.405	306	51.32	320
10.6	54.181	242	33.31	97	2.683	237	53.78	123	37.586	228	60.65	242	19.711	258	54.52	337
20.6	54.423	196	32.34	68	2.920	192	52.55	96	37.814	183	63.07	229	19.969	201	57.89	344
30.6	54.619	146	31.66	40	3.112	144	51.59	69	37.997	135	65.36	212	20.170	143	61.33	342
Feb. 9.5	54.765	94	31.26	12	3.256	92	50.90	43	38.132	87	67.48	190	20.313	84	64.75	331
19.5	54.859	44	31.14	13	3.348	43	50.47	17	38.219	38	69.38	166	20.397	26	68.06	314
März 1.5	54.903	4	31.27	32	3.391	2	50.30	4	38.257	5	71.04	140	20.423	27	71.20	290
11.5	54.899	44	31.59	49	3.389	42	50.34	23	38.252	44	72.44	113	20.396	74	74.10	261
21.4	54.855	80	32.08	60	3.347	77	50.57	37	38.208	76	73.57	87	20.322	114	76.71	227
31.4	54.775	105	32.68	66	3.270	101	50.94	47	38.132	100	74.44	61	20.208	146	78.98	190
Apr. 10.4	54.670	124	33.34	69	3.169	119	51.41	53	38.032	117	75.05	36	20.062	170	80.88	151
20.3	54.546	133	34.03	68	3.050	129	51.94	57	37.915	128	75.41	12	19.892	186	82.39	109
30.3	54.413	136	34.71	63	2.921	132	52.51	57	37.787	130	75.53	11	19.706	195	83.48	66
Mai 10.3	54.277	132	35.34	57	2.789	128	53.08	55	37.657	129	75.42	32	19.511	197	84.14	23
20.3	54.145	123	35.91	48	2.661	119	53.63	52	37.528	122	75.10	52	19.314	193	84.37	20
30.2	54.022	109	36.39	38	2.542	106	54.15	46	37.406	111	74.58	71	19.121	184	84.17	62
Juni 9.2	53.913	92	36.77	28	2.436	90	54.61	40	37.295	97	73.87	87	18.937	169	83.55	101
19.2	53.821	73	37.05	17	2.346	71	55.01	33	37.198	79	73.00	100	18.768	151	82.54	139
29.2	53.748	50	37.22	4	2.275	50	55.34	24	37.119	61	72.00	111	18.617	128	81.15	171
Juli 9.1	53.698	28	37.26	8	2.225	28	55.58	15	37.058	39	70.89	118	18.489	100	79.44	199
19.1	53.670	3	37.18	22	2.197	5	55.73	3	37.019	17	69.71	122	18.389	69	77.45	221
29.1	53.667	24	36.96	37	2.192	21	55.76	9	37.002	9	68.49	120	18.320	35	75.24	235
Aug. 8.0	53.691	50	36.59	52	2.213	48	55.67	24	37.011	36	67.29	113	18.285	5	72.89	241
18.0	53.741	78	36.07	68	2.261	75	55.43	40	37.047	65	66.16	101	18.290	46	70.48	239
28.0	53.819	109	35.39	87	2.336	105	55.03	58	37.112	95	65.15	84	18.336	91	68.09	227
Sept. 7.0	53.928	139	34.52	104	2.441	135	54.45	77	37.207	128	64.31	59	18.427	137	65.82	206
16.9	54.067	172	33.48	122	2.576	167	53.68	98	37.335	161	63.72	32	18.564	185	63.76	176
26.9	54.239	204	32.26	141	2.743	199	52.70	119	37.496	196	63.40	0	18.749	232	62.00	136
Okt. 6.9	54.443	237	30.85	158	2.942	232	51.51	139	37.692	229	63.40	36	18.981	276	60.64	91
16.9	54.680	267	29.27	171	3.174	261	50.12	158	37.921	259	63.76	74	19.257	317	59.73	39
26.8	54.947	294	27.56	183	3.435	288	48.54	173	38.180	287	64.50	110	19.574	351	59.34	17
Nov. 5.8	55.241	316	25.73	190	3.723	311	46.81	185	38.467	309	65.60	147	19.925	376	59.51	74
15.8	55.557	332	23.83	191	4.034	325	44.96	191	38.776	322	67.07	178	20.301	391	60.25	130
25.7	55.889	338	21.92	186	4.359	331	43.05	193	39.098	328	68.85	206	20.692	394	61.55	183
Dez. 5.7	56.227	335	20.06	176	4.690	329	41.12	187	39.426	324	70.91	226	21.086	385	63.38	230
15.7	56.562	321	18.30	159	5.019	315	39.25	175	39.750	309	73.17	240	21.471	363	65.68	271
25.7	56.883	297	16.71	138	5.334	292	37.50	159	40.059	283	75.57	246	21.834	329	68.39	303
35.6	57.180		15.33		5.626		35.91		40.342		78.03		22.163		71.42	
Mittl. Ort	51.870		46.88		0.421		66.35		35.436		53.84		17.422		54.85	
sec δ, tg δ	1.047		+0.309		1.024		+0.219		1.022		−0.212		1.340		−0.891	

Mittlere Zeit Greenw.	384) ζ Leonis				383) λ Ursae majoris			
	AR.		Dekl.		AR.		Dekl.	
1918	$10^{h}\,12^{m}$		$+23^{\circ}\,49'$		$10^{h}\,12^{m}$		$+43^{\circ}\,18'$	
Jan. 0.6	10.022	298	20.93	98	11.852	354	68.82	7
10.6	10.320	258	19.95	66	12.206	307	68.75	35
20.6	10.578	213	19.29	33	12.513	252	69.10	77
30.6	10.791	161	18.96	1	12.765	189	69.87	111
Feb. 9.5	10.952	107	18.95	28	12.954	124	70.98	141
19.5	11.059	55	19.23	52	13.078	57	72.39	163
März 1.5	11.114	5	19.75	72	13.135	5	74.02	175
11.5	11.119	39	20.47	86	13.130	61	75.77	180
21.4	11.080	77	21.33	94	13.069	110	77.57	176
31.4	11.003	105	22.27	96	12.959	148	79.33	163
Apr. 10.4	10.898	127	23.23	93	12.811	176	80.96	145
20.3	10.771	138	24.16	87	12.635	194	82.41	120
30.3	10.633	143	25.03	76	12.441	201	83.61	91
Mai 10.3	10.490	140	25.79	62	12.240	199	84.52	60
20.3	10.350	133	26.41	48	12.041	190	85.12	26
30.2	10.217	119	26.89	31	11.851	174	85.38	6
Juni 9.2	10.098	104	27.20	14	11.677	153	85.32	41
19.2	9.994	83	27.34	4	11.524	126	84.91	72
29.2	9.911	62	27.30	21	11.398	97	84.19	102
Juli 9.1	9.849	38	27.09	39	11.301	66	83.17	131
19.1	9.811	13	26.70	56	11.235	32	81.86	157
29.1	9.798	14	26.14	74	11.203	4	80.29	179
Aug. 8.0	9.812	41	25.40	92	11.207	40	78.50	200
18.0	9.853	71	24.48	109	11.247	78	76.50	217
28.0	9.924	102	23.39	126	11.325	117	74.33	231
Sept. 7.0	10.026	135	22.13	144	11.442	158	72.02	241
16.9	10.161	168	20.69	159	11.600	200	69.61	249
26.9	10.329	203	19.10	174	11.800	241	67.12	251
Okt. 6.9	10.532	237	17.36	186	12.041	282	64.61	250
16.9	10.769	269	15.50	195	12.323	320	62.11	241
26.8	11.038	299	13.55	200	12.643	356	59.70	229
Nov. 5.8	11.337	323	11.55	201	12.999	384	57.41	210
15.8	11.660	341	9.54	195	13.383	405	55.31	184
25.7	12.001	350	7.59	183	13.788	415	53.47	153
Dez. 5.7	12.351	348	5.76	165	14.203	415	51.94	116
15.7	12.699	336	4.11	143	14.618	400	50.78	75
25.7	13.035	314	2.68	115	15.018	374	50.03	33
35.6	13.349		1.53		15.392		49.70	
Mittl. Ort	7.979		35.27		9.485		87.55	
sec δ, tg δ	1.093		+0.442		1.375		+0.943	

Mittlere Zeit Greenw.	386) μ Ursae majoris				387) 30 H. Urs. maj.			
	AR.		Dekl.		AR.		Dekl.	
1918	$10^{h}\,17^{m}$		$+41^{\circ}\,54'$		$10^{h}\,18^{m}$		$+65^{\circ}\,58'$	
Jan. 0.6	29.312	352	25.73	19	17.54	57	31.70	82
10.6	29.664	307	25.54	25	18.11	49	32.52	135
20.6	29.971	254	25.79	66	18.60	40	33.87	179
30.6	30.225	193	26.45	102	19.00	30	35.66	217
Feb. 9.5	30.418	128	27.47	132	19.30	19	37.83	244
19.5	30.546	65	28.79	155	19.49	7	40.27	262
März 1.5	30.611	3	30.34	170	19.56	3	42.89	266
11.5	30.614	53	32.04	176	19.53	14	45.55	261
21.4	30.561	100	33.80	173	19.39	23	48.16	243
31.4	30.461	138	35.53	163	19.16	30	50.59	217
Apr. 10.4	30.323	167	37.16	145	18.86	36	52.76	182
20.3	30.156	185	38.61	123	18.50	40	54.58	141
30.3	29.971	192	39.84	96	18.10	42	55.99	95
Mai 10.3	29.779	193	40.80	66	17.68	42	56.94	47
20.3	29.586	184	41.46	33	17.26	41	57.41	3
30.2	29.402	169	41.79	1	16.85	39	57.38	52
Juni 9.2	29.233	150	41.80	32	16.46	36	56.86	100
19.2	29.083	126	41.48	63	16.10	31	55.86	144
29.2	28.957	97	40.85	94	15.79	25	54.42	185
Juli 9.1	28.860	68	39.91	121	15.54	20	52.57	222
19.1	28.792	36	38.70	148	15.34	13	50.35	254
29.1	28.756	2	37.22	171	15.21	7	47.81	280
Aug. 8.0	28.754	33	35.51	192	15.14	1	45.01	300
18.0	28.787	70	33.59	210	15.15	8	42.01	316
28.0	28.857	109	31.49	225	15.23	15	38.85	325
Sept. 7.0	28.966	148	29.24	237	15.38	23	35.60	328
16.9	29.114	189	26.87	245	15.61	30	32.32	325
26.9	29.303	231	24.42	249	15.91	38	29.07	315
Okt. 6.9	29.534	271	21.93	249	16.29	44	25.92	298
16.9	29.805	310	19.44	243	16.73	51	22.94	275
26.8	30.115	345	17.01	232	17.24	57	20.19	244
Nov. 5.8	30.460	375	14.69	214	17.81	61	17.75	206
15.8	30.835	396	12.55	190	18.42	65	15.69	163
25.7	31.231	408	10.65	161	19.07	67	14.06	114
Dez. 5.7	31.639	409	9.04	125	19.74	66	12.92	60
15.7	32.048	395	7.79	86	20.40	64	12.32	5
25.7	32.443	370	6.93	43	21.04	60	12.27	51
35.6	32.813		6.50		21.64		12.78	
Mittl. Ort	27.022		44.43		14.15		54.10	
sec δ, tg δ	1.344		+0.898		2.457		+2.244	

Mittlere Zeit Greenw.	389) μ Hydrae AR.		Dekl.		391) *J* Carinae AR.		Dekl.		390) 31 Leonis min. AR.		Dekl.		392) Lac. α Antliae AR.		Dekl.	
1918	10h 22m		−16° 25′		10h 22m		−73° 36′		10h 23m		+37° 7′		10h 23m		−30° 38′	
	s		″		s		″		s		″		s		″	
Jan. 0.7	9.264	280	5.40	260	49.33	64	40.78	313	10.983	337	22.37	45	25.707	295	58.69	295
10.6	9.544	242	8.00	259	49.97	53	43.91	350	11.320	297	21.92	3	26.002	254	61.64	305
20.6	9.786	199	10.59	250	50.50	39	47.41	375	11.617	246	21.89	36	26.256	206	64.69	307
30.6	9.985	151	13.09	236	50.89	26	51.16	390	11.863	190	22.25	72	26.462	154	67.76	301
Feb. 9.5	10.136	101	15.45	216	51.15	12	55.06	396	12.053	131	22.97	104	26.616	102	70.77	287
19.5	10.237	54	17.61	194	51.27	1	59.02	393	12.184	70	24.01	129	26.718	49	73.64	267
März 1.5	10.291	9	19.55	168	51.26	14	62.95	379	12.254	12	25.30	146	26.767	2	76.31	244
11.5	10.300	30	21.23	141	51.12	25	66.74	358	12.266	39	26.76	155	26.769	41	78.75	215
21.4	10.270	64	22.64	113	50.87	36	70.32	330	12.227	84	28.31	156	26.728	77	80.90	185
31.4	10.206	91	23.77	85	50.51	45	73.62	295	12.143	121	29.87	151	26.651	106	82.75	151
Apr. 10.4	10.115	109	24.62	58	50.06	53	76.57	255	12.022	147	31.38	137	26.545	129	84.26	117
20.4	10.006	123	25.20	32	49.53	58	79.12	209	11.875	164	32.75	120	26.416	143	85.43	81
30.3	9.883	128	25.52	5	48.95	63	81.21	160	11.711	173	33.95	97	26.273	152	86.24	45
Mai 10.3	9.755	130	25.57	20	48.32	66	82.81	109	11.538	172	34.92	71	26.121	154	86.69	10
20.3	9.625	125	25.37	43	47.66	67	83.90	54	11.366	167	35.63	44	25.967	151	86.79	26
30.2	9.500	117	24.94	66	46.99	66	84.44	0	11.199	154	36.07	14	25.816	144	86.53	60
Juni 9.2	9.383	105	24.28	85	46.33	64	84.44	54	11.045	136	36.21	15	25.672	133	85.93	91
19.2	9.278	91	23.43	103	45.69	60	83.90	107	10.909	115	36.06	43	25.539	118	85.02	122
29.2	9.187	74	22.40	118	45.09	54	82.83	156	10.794	91	35.63	72	25.421	100	83.80	147
Juli 9.1	9.113	54	21.22	128	44.55	48	81.27	200	10.703	64	34.91	98	25.321	78	82.33	168
19.1	9.059	33	19.94	135	44.07	38	79.27	238	10.639	35	33.93	122	25.243	54	80.65	184
29.1	9.026	8	18.59	137	43.69	29	76.89	270	10.604	5	32.71	145	25.189	25	78.81	195
Aug. 8.1	9.018	19	17.22	133	43.40	17	74.19	291	10.599	27	31.26	167	25.164	6	76.86	197
18.0	9.037	48	15.89	123	43.23	4	71.28	303	10.626	61	29.59	185	25.170	40	74.89	192
28.0	9.085	79	14.66	107	43.19	9	68.25	305	10.687	97	27.74	202	25.210	76	72.97	180
Sept. 7.0	9.164	114	13.59	85	43.28	22	65.20	294	10.784	134	25.72	216	25.286	116	71.17	159
16.9	9.278	149	12.74	58	43.50	36	62.26	272	10.918	173	23.56	227	25.402	157	69.58	130
26.9	9.427	185	12.16	25	43.86	49	59.54	240	11.091	212	21.29	235	25.559	199	68.28	95
Okt. 6.9	9.612	220	11.91	13	44.35	61	57.14	196	11.303	251	18.94	239	25.758	238	67.33	53
16.9	9.832	255	12.04	51	44.96	71	55.18	144	11.554	289	16.55	236	25.996	276	66.80	6
26.8	10.087	284	12.55	92	45.67	79	53.74	84	11.843	323	14.19	231	26.272	309	66.74	43
Nov. 5.8	10.371	309	13.47	131	46.46	85	52.90	21	12.166	352	11.88	218	26.581	334	67.17	93
15.8	10.680	326	14.78	167	47.31	87	52.69	46	12.518	374	9.70	199	26.915	352	68.10	141
25.8	11.006	334	16.45	200	48.18	88	53.15	112	12.892	387	7.71	174	27.267	359	69.51	187
Dez. 5.7	11.340	331	18.45	225	49.06	85	54.27	175	13.279	387	5.97	143	27.626	355	71.38	226
15.7	11.671	319	20.70	244	49.91	78	56.02	233	13.666	378	4.54	108	27.981	340	73.64	258
25.7	11.990	295	23.14	255	50.69	71	58.35	284	14.044	354	3.46	68	28.321	313	76.22	282
35.6	12.285		25.69		51.40		61.19		14.398		2.78		28.634		79.04	
Mittl. Ort	7.451		2.35		46.19		50.22		8.831		40.31		23.863		59.66	
sec δ, tg δ	1.043		−0.295		3.545		−3.401		1.254		+0.757		1.162		−0.593	

Mittlere Zeit Greenw.	393) s Carinae				394) 36 Ursae majoris				395) 9 H. Draconis				404) 33 Sextantis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	10h 24m		−58° 19′		10h 25m		+56° 23′		10h 28m		+76° 7′		10h 37m		−1° 18′	
	s		″		s		″		s		″		s		″	
Jan. 0.7	54.123	402	6.24	321	26.052	449	43.91	37	14.59	91	46.02	106	15.682	288	44.40	210
10.6	54.525	338	9.45	351	26.501	393	44.28	87	15.50	80	47.08	161	15.970	254	46.50	198
20.6	54.863	265	12.96	370	26.894	326	45.15	132	16.30	65	48.69	209	16.224	213	48.48	178
30.6	55.128	188	16.66	379	27.220	248	46.47	172	16.95	49	50.78	247	16.437	168	50.26	156
Feb. 9.5	55.316	109	20.45	378	27.468	166	48.19	203	17.44	30	53.25	275	16.605	121	51.82	132
19.5	55.425	32	24.23	369	27.634	82	50.22	224	17.74	12	56.00	291	16.726	74	53.14	105
März 1.5	55.457	39	27.92	351	27.716	1	52.46	235	17.86	6	58.91	294	16.800	30	54.19	81
11.5	55.418	105	31.43	325	27.715	75	54.81	235	17.80	23	61.85	286	16.830	11	55.00	56
21.4	55.313	162	34.68	295	27.640	143	57.16	225	17.57	40	64.71	266	16.819	45	55.56	33
31.4	55.151	210	37.63	259	27.497	197	59.41	206	17.17	52	67.37	235	16.774	72	55.89	14
Apr. 10.4	54.941	249	40.22	217	27.300	240	61.47	179	16.65	64	69.72	196	16.702	92	56.03	4
20.4	54.692	278	42.39	172	27.060	269	63.26	146	16.01	71	71.68	150	16.610	107	55.99	20
30.3	54.414	298	44.11	125	26.791	285	64.72	106	15.30	76	73.18	99	16.503	114	55.79	33
Mai 10.3	54.116	309	45.36	75	26.506	288	65.78	66	14.54	79	74.17	46	16.389	116	55.46	43
20.3	53.807	312	46.11	25	26.218	282	66.44	21	13.75	77	74.63	10	16.273	114	55.03	53
30.2	53.495	306	46.36	26	25.936	265	66.65	22	12.98	75	74.53	63	16.159	107	54.50	61
Juni 9.2	53.189	292	46.10	75	25.671	241	66.43	66	12.23	69	73.90	116	16.052	97	53.89	66
19.2	52.897	272	45.35	121	25.430	209	65.77	106	11.54	62	72.74	164	15.955	85	53.23	70
29.2	52.625	242	44.14	166	25.221	173	64.71	145	10.92	53	71.10	210	15.870	70	52.53	72
Juli 9.1	52.383	206	42.48	203	25.048	131	63.26	179	10.39	43	69.00	248	15.800	53	51.81	70
19.1	52.177	163	40.45	236	24.917	88	61.47	211	9.96	32	66.52	282	15.747	33	51.11	68
29.1	52.014	111	38.09	261	24.829	40	59.36	239	9.64	21	63.70	311	15.714	12	50.43	61
Aug. 8.1	51.903	55	35.48	277	24.789	9	56.97	261	9.43	8	60.59	332	15.702	12	49.82	50
18.0	51.848	8	32.71	283	24.798	61	54.36	279	9.35	5	57.27	347	15.714	38	49.32	37
28.0	51.856	75	29.88	279	24.859	113	51.57	292	9.40	17	53.80	354	15.752	68	48.95	20
Sept. 7.0	51.931	145	27.09	265	24.972	167	48.65	300	9.57	31	50.26	356	15.820	99	48.75	2
16.9	52.076	216	24.44	240	25.139	223	45.65	302	9.88	43	46.70	350	15.919	132	48.77	26
26.9	52.292	286	22.04	204	25.362	277	42.63	299	10.31	56	43.20	336	16.051	167	49.03	53
Okt. 6.9	52.578	351	20.00	158	25.639	331	39.64	290	10.87	67	39.84	315	16.218	202	49.56	81
16.9	52.929	410	18.42	106	25.970	382	36.74	274	11.54	79	36.69	287	16.420	237	50.37	111
26.8	53.339	459	17.36	47	26.352	428	34.00	251	12.33	88	33.82	251	16.657	267	51.48	139
Nov. 5.8	53.798	494	16.89	15	26.780	467	31.49	222	13.21	96	31.31	209	16.924	294	52.87	165
15.8	54.292	516	17.04	80	27.247	496	29.27	185	14.17	102	29.22	159	17.218	314	54.52	187
25.8	54.808	520	17.84	141	27.743	512	27.42	143	15.19	105	27.63	106	17.532	325	56.39	204
Dez. 5.7	55.328	508	19.25	199	28.255	515	25.99	96	16.24	105	26.57	47	17.857	328	58.43	214
15.7	55.836	479	21.24	252	28.770	502	25.03	46	17.29	103	26.10	14	18.185	319	60.57	217
25.7	56.315	433	23.76	297	29.272	471	24.57	7	18.32	96	26.24	73	18.504	301	62.74	214
35.6	56.748		26.73		29.743		24.64		19.28		26.97		18.805		64.88	
Mittl. Ort	51.914		13.55		23.382		65.54		9.82		69.73		13.928		36.72	
sec δ, tg δ	1.904		−1.620		1.807		+1.505		4.173		+4.052		1.000		−0.023	

Mittlere Zeit Greenw.	406) ϑ Argus AR.	Δ	406) ϑ Argus Dekl.	Δ	407) 42 Leon. minoris AR.	Δ	407) 42 Leon. minoris Dekl.	Δ	408) μ Argus AR.	Δ	408) μ Argus Dekl.	Δ	409) l Leonis AR.	Δ	409) l Leonis Dekl.	Δ
1918	10h 40m		−63° 57′		10h 41m		+31° 6′		10h 43m		−48° 59′		10h 44m		+10° 58′	
	s		″		s		″		s		″		s		″	
Jan. 0.7	3.99	49	43.65	306	20.515	331	35.35	85	16.178	368	6.28	306	58.676	299	34.26	168
10.6	4.48	41	46.71	341	20.846	295	34.50	45	16.546	318	9.34	331	58.975	267	32.58	144
20.6	4.89	33	50.12	366	21.141	250	34.05	7	16.864	262	12.65	348	59.242	226	31.14	115
30.6	5.22	24	53.78	380	21.391	199	33.98	31	17.126	199	16.13	356	59.468	182	29.99	88
Feb. 9.6	5.46	15	57.58	386	21.590	144	34.29	65	17.325	136	19.69	354	59.650	133	29.11	57
19.5	5.61	7	61.44	381	21.734	89	34.94	93	17.461	73	23.23	344	59.783	86	28.54	30
März 1.5	5.68	2	65.25	369	21.823	36	35.87	114	17.534	13	26.67	326	59.869	39	28.24	5
11.5	5.66	11	68.94	347	21.859	14	37.01	130	17.547	42	29.93	302	59.908	3	28.19	17
21.4	5.55	17	72.41	320	21.845	57	38.31	137	17.505	90	32.95	273	59.905	39	28.36	35
31.4	5.38	23	75.61	287	21.788	91	39.68	138	17.415	129	35.68	239	59.866	68	28.71	49
Apr. 10.4	5.15	28	78.48	247	21.697	119	41.06	131	17.286	164	38.07	201	59.798	91	29.20	57
20.4	4.87	32	80.95	204	21.578	137	42.37	121	17.122	188	40.08	161	59.707	106	29.77	64
30.3	4.55	35	82.99	157	21.441	148	43.58	103	16.934	207	41.69	116	59.601	115	30.41	66
Mai 10.3	4.20	37	84.56	107	21.293	151	44.61	84	16.727	217	42.85	72	59.486	118	31.07	65
20.3	3.83	39	85.63	55	21.142	148	45.45	62	16.510	222	43.57	26	59.368	116	31.72	62
30.3	3.44	38	86.18	4	20.994	140	46.07	37	16.288	221	43.83	20	59.252	111	32.34	57
Juni 9.2	3.06	37	86.22	49	20.854	128	46.44	12	16.067	213	43.63	65	59.141	101	32.91	51
19.2	2.69	36	85.73	99	20.726	111	46.56	13	15.854	199	42.98	107	59.040	88	33.42	42
29.2	2.33	32	84.74	146	20.615	92	46.43	39	15.655	181	41.91	147	58.952	74	33.84	34
Juli 9.1	2.01	29	83.28	189	20.523	70	46.04	63	15.474	156	40.44	182	58.878	56	34.18	23
19.1	1.72	23	81.39	226	20.453	47	45.41	86	15.318	126	38.62	212	58.822	38	34.41	11
29.1	1.49	18	79.13	255	20.406	20	44.55	110	15.192	90	36.50	234	58.784	16	34.52	3
Aug. 8.1	1.31	11	76.58	278	20.386	8	43.45	132	15.102	49	34.16	250	58.768	8	34.49	18
18.0	1.20	4	73.80	289	20.394	39	42.13	152	15.053	2	31.66	256	58.776	34	34.31	36
28.0	1.16	5	70.91	292	20.433	71	40.61	172	15.051	50	29.10	252	58.810	62	33.95	54
Sept. 7.0	1.21	13	67.99	281	20.504	106	38.89	189	15.101	103	26.58	239	58.872	94	33.41	75
17.0	1.34	21	65.18	262	20.610	143	37.00	205	15.204	161	24.19	215	58.966	127	32.66	97
26.9	1.55	31	62.56	229	20.753	182	34.95	217	15.365	218	22.04	183	59.093	162	31.69	119
Okt. 6.9	1.86	38	60.27	189	20.935	220	32.78	227	15.583	274	20.21	140	59.255	198	30.50	141
16.9	2.24	46	58.38	138	21.155	258	30.51	231	15.857	325	18.81	92	59.453	233	29.09	161
26.8	2.70	52	57.00	81	21.413	293	28.20	232	16.182	370	17.89	36	59.686	265	27.48	180
Nov. 5.8	3.22	57	56.19	18	21.706	325	25.88	226	16.552	406	17.53	22	59.951	294	25.68	194
15.8	3.79	60	56.01	46	22.031	348	23.62	215	16.958	430	17.75	80	60.245	315	23.74	203
25.8	4.39	61	56.47	110	22.379	364	21.47	196	17.388	441	18.55	140	60.560	330	21.71	206
Dez. 5.7	5.00	59	57.57	172	22.743	369	19.51	171	17.829	438	19.95	193	60.890	333	19.65	204
15.7	5.59	57	59.29	228	23.112	362	17.80	141	18.267	421	21.88	241	61.223	328	17.61	194
25.7	6.16	52	61.57	278	23.474	345	16.39	107	18.688	390	24.29	282	61.551	311	15.67	178
35.7	6.68		64.35		23.819		15.32		19.078		27.11		61.862		13.89	
Mittl. Ort	1.70		52.36		18.583		52.52		14.270		12.19		56.921		45.82	
sec δ, tg δ	2.278		−2.047		1.168		+0.604		1.524		−1.150		1.019		+0.194	

Mittlere Zeit Greenw.	415) *i* Velorum AR.		415) Dekl.		416) β Ursae majoris AR.		416) Dekl.		417) α Ursae majoris AR.		417) Dekl.		418) χ Leonis AR.		418) Dekl.	
1918	10ʰ 56ᵐ		−41° 47′		10ʰ 56ᵐ		+56° 48′		10ʰ 58ᵐ		+62° 10′		11ʰ 0ᵐ		+7° 46′	
Jan. 0.7	25.085	351	4.65	292	56.500	477	56.88	4	43.28	54	74.23	22	48.958	303	35.73	183
10.6	25.436	309	7.57	314	56.977	430	56.92	58	43.82	49	74.45	77	49.261	274	33.90	163
20.6	25.745	260	10.71	327	57.407	370	57.50	110	44.31	43	75.22	131	49.535	237	32.27	137
30.6	26.005	206	13.98	332	57.777	299	58.60	154	44.74	33	76.53	176	49.772	193	30.90	108
Feb. 9.6	26.211	150	17.30	329	58.076	219	60.14	193	45.07	25	78.29	214	49.965	146	29.82	80
19.5	26.361	92	20.59	318	58.295	136	62.07	221	45.32	16	80.43	241	50.111	100	29.02	51
März 1.5	26.453	40	23.77	300	58.431	53	64.28	240	45.48	5	82.84	259	50.211	54	28.51	26
11.5	26.493	11	26.77	276	58.484	25	66.68	246	45.53	4	85.43	264	50.265	14	28.25	1
21.5	26.482	54	29.53	249	58.459	96	69.14	243	45.49	12	88.07	259	50.279	24	28.24	19
31.4	26.428	91	32.02	216	58.363	157	71.57	230	45.37	19	90.66	242	50.255	54	28.43	34
Apr. 10.4	26.337	121	34.18	182	58.206	207	73.87	208	45.18	25	93.08	217	50.201	78	28.77	47
20.4	26.216	145	36.00	143	57.999	245	75.95	177	44.93	31	95.25	183	50.123	95	29.24	56
30.3	26.071	162	37.43	105	57.754	270	77.72	142	44.62	32	97.08	144	50.028	106	29.80	61
Mai 10.3	25.909	173	38.48	63	57.484	284	79.14	101	44.30	35	98.52	99	49.922	111	30.41	64
20.3	25.736	179	39.11	22	57.200	286	80.15	57	43.95	36	99.51	53	49.811	113	31.05	63
30.3	25.557	179	39.33	19	56.914	280	80.72	12	43.59	34	100.04	5	49.698	109	31.68	61
Juni 9.2	25.378	174	39.14	59	56.634	264	80.84	33	43.25	33	100.09	45	49.589	103	32.29	58
19.2	25.204	165	38.55	97	56.370	241	80.51	77	42.92	31	99.64	90	49.486	93	32.87	52
29.2	25.039	151	37.58	134	56.129	212	79.74	118	42.61	27	98.74	135	49.393	81	33.39	45
Juli 9.2	24.888	131	36.24	164	55.917	177	78.56	159	42.34	22	97.39	177	49.312	66	33.84	36
19.1	24.757	109	34.60	191	55.740	138	76.97	194	42.12	18	95.62	214	49.246	50	34.20	26
29.1	24.648	79	32.69	211	55.602	96	75.03	226	41.94	13	93.48	248	49.196	30	34.46	14
Aug. 8.1	24.569	46	30.58	224	55.506	50	72.77	255	41.81	8	91.00	275	49.166	8	34.60	1
18.0	24.523	7	28.34	229	55.456	0	70.22	278	41.73	1	88.25	299	49.158	17	34.59	18
28.0	24.516	36	26.05	225	55.456	53	67.44	296	41.72	4	85.26	317	49.175	46	34.41	36
Sept. 7.0	24.552	82	23.80	212	55.509	108	64.48	310	41.76	12	82.09	328	49.221	76	34.05	57
17.0	24.634	133	21.68	191	55.617	165	61.38	317	41.88	18	78.81	335	49.297	110	33.48	80
26.9	24.767	183	19.77	159	55.782	223	58.21	318	42.06	24	75.46	333	49.407	145	32.68	103
Okt. 6.9	24.950	234	18.18	120	56.005	282	55.03	314	42.30	31	72.13	326	49.552	183	31.65	127
16.9	25.184	283	16.98	73	56.287	339	51.89	302	42.61	39	68.87	310	49.735	219	30.38	150
26.9	25.467	325	16.25	23	56.626	392	48.87	282	43.00	44	65.77	288	49.954	253	28.88	171
Nov. 5.8	25.792	361	16.02	32	57.018	440	46.05	256	43.44	50	62.89	257	50.207	284	27.17	189
15.8	26.153	387	16.34	87	57.458	478	43.49	222	43.94	54	60.32	220	50.491	308	25.28	202
25.8	26.540	401	17.21	140	57.936	504	41.27	181	44.48	57	58.12	174	50.799	324	23.26	209
Dez. 5.7	26.941	403	18.61	189	58.440	518	39.46	134	45.05	59	56.38	124	51.123	332	21.17	210
15.7	27.344	392	20.50	234	58.958	514	38.12	82	45.64	58	55.14	70	51.455	328	19.07	205
25.7	27.736	368	22.84	271	59.472	494	37.30	28	46.22	56	54.44	12	51.783	314	17.02	192
35.7	28.104		25.55		59.966		37.02		46.78		54.32		52.097		15.10	
Mittl. Ort	23.331		9.10		54.204		79.99		40.79		98.18		47.306		46.52	
sec δ, tg δ	1.341		−0.894		1.827		+1.529		2.144		+1.896		1.009		+0.137	

Mittlere Zeit Greenw.	420) ψ Ursae majoris				421) β Crateris				422) δ Leonis				423) θ Leonis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	11h 5m		+44° 55′		11h 7m		−22° 22′		11h 9m		+20° 57′		11h 9m		+15° 52′	
Jan. 0.7	5.507	394	75.87	50	38.984	315	41.41	261	46.649	324	68.39	142	57.962	316	27.26	160
10.7	5.901	359	75.37	0	39.299	284	44.02	268	46.973	295	66.97	109	58.278	287	25.66	131
20.6	6.260	312	75.37	48	39.583	243	46.70	268	47.268	256	65.88	74	58.565	251	24.35	99
30.6	6.572	255	75.85	94	39.826	200	49.38	260	47.524	213	65.14	38	58.816	207	23.36	66
Feb. 9.6	6.827	193	76.79	132	40.026	152	51.98	247	47.737	164	64.76	3	59.023	160	22.70	33
19.5	7.020	129	78.11	163	40.178	104	54.45	228	47.901	115	64.73	28	59.183	112	22.37	3
März 1.5	7.149	64	79.74	188	40.282	58	56.73	206	48.016	66	65.01	55	59.295	65	22.34	24
11.5	7.213	4	81.62	201	40.340	17	58.79	181	48.082	21	65.56	77	59.360	22	22.58	48
21.5	7.217	52	83.63	205	40.357	21	60.60	154	48.103	19	66.33	93	59.382	16	23.06	65
31.4	7.165	98	85.68	201	40.336	51	62.14	127	48.084	53	67.26	103	59.366	50	23.71	77
Apr. 10.4	7.067	136	87.69	188	40.285	77	63.41	99	48.031	80	68.29	107	59.316	75	24.48	86
20.4	6.931	165	89.57	167	40.208	96	64.40	70	47.951	100	69.36	105	59.241	95	25.34	88
30.4	6.766	185	91.24	141	40.112	110	65.10	42	47.851	114	70.41	100	59.146	107	26.22	86
Mai 10.3	6.581	195	92.65	110	40.002	119	65.52	13	47.737	122	71.41	91	59.039	115	27.08	82
20.3	6.386	199	93.75	75	39.883	122	65.65	13	47.615	123	72.32	77	58.924	117	27.90	74
30.3	6.187	194	94.50	40	39.761	123	65.52	40	47.492	122	73.09	62	58.807	115	28.64	63
Juni 9.2	5.993	184	94.90	1	39.638	119	65.12	64	47.370	115	73.71	46	58.692	110	29.27	52
19.2	5.809	168	94.91	35	39.519	112	64.48	88	47.255	106	74.17	27	58.582	100	29.79	38
29.2	5.641	149	94.56	72	39.407	102	63.60	107	47.149	93	74.44	8	58.482	89	30.17	24
Juli 9.2	5.492	126	93.84	107	39.305	88	62.53	125	47.056	78	74.52	11	58.393	75	30.41	7
19.1	5.366	98	92.77	140	39.217	73	61.28	137	46.978	61	74.41	32	58.318	57	30.48	9
29.1	5.268	68	91.37	170	39.144	51	59.91	145	46.917	41	74.09	52	58.261	39	30.39	26
Aug. 8.1	5.200	36	89.67	199	39.093	28	58.46	149	46.876	17	73.57	73	58.222	16	30.13	45
18.1	5.164	2	87.68	222	39.065	1	56.97	145	46.859	10	72.84	94	58.206	8	29.68	64
28.0	5.166	40	85.46	244	39.066	32	55.52	135	46.869	36	71.90	115	58.214	37	29.04	85
Sept. 7.0	5.206	82	83.02	262	39.098	68	54.17	119	46.905	70	70.75	136	58.251	68	28.19	106
17.0	5.288	127	80.40	274	39.166	107	52.98	95	46.975	104	69.39	156	58.319	103	27.13	128
26.9	5.415	174	77.66	284	39.273	147	52.03	67	47.079	142	67.83	176	58.422	139	25.85	148
Okt. 6.9	5.589	221	74.82	287	39.420	190	51.36	31	47.221	181	66.07	193	58.561	177	24.37	169
16.9	5.810	269	71.95	284	39.610	229	51.05	7	47.402	219	64.14	208	58.738	215	22.68	186
26.9	6.079	313	69.11	275	39.839	268	51.12	49	47.621	256	62.06	218	58.953	252	20.82	202
Nov. 5.8	6.392	353	66.36	258	40.107	300	51.61	91	47.877	290	59.88	224	59.205	283	18.80	211
15.8	6.745	386	63.78	236	40.407	325	52.52	133	48.167	316	57.64	224	59.488	311	16.69	217
25.8	7.131	410	61.42	204	40.732	342	53.85	170	48.483	336	55.40	218	59.799	329	14.52	216
Dez. 5.8	7.541	423	59.38	168	41.074	348	55.55	204	48.819	346	53.22	204	60.128	338	12.36	208
15.7	7.964	421	57.70	125	41.422	343	57.59	231	49.165	346	51.18	185	60.466	338	10.28	194
25.7	8.385	407	56.45	77	41.765	327	59.90	250	49.511	333	49.33	159	60.804	325	8.34	173
35.7	8.792		55.68		42.092		62.40		49.844		47.74		61.129		6.61	
Mittl. Ort	3.585		97.05		37.383		40.40		44.997		83.42		56.335		40.73	
sec δ, tg δ	1.413		+0.998		1.081		−0.412		1.071		+0.383		1.040		+0.284	

Mittlere Zeit Greenw.	425) ν Ursae majoris AR.		Dekl.		426) δ Crateris AR.		Dekl.		427) σ Leonis AR.		Dekl.		428) π Centauri AR.		Dekl.	
1918	11h 14m		+33° 31′		11h 15m		−14° 20′		11h 16m		+6° 28′		11h 17m		−54° 2′	
	s		″		s		″		s		″		s		″	
Jan. 0.7	4.947	353	72.15	100	15.925	311	8.23	243	56.098	311	33.60	191	17.499	435	21.61	275
10.7	5.300	323	71.15	57	16.236	283	10.66	242	56.409	283	31.69	171	17.934	388	24.36	309
20.6	5.623	284	70.58	13	16.519	245	13.08	236	56.692	248	29.98	147	18.322	333	27.45	335
30.6	5.907	235	70.45	29	16.764	203	15.44	223	56.940	207	28.51	118	18.655	270	30.80	350
Feb. 9.6	6.142	182	70.74	68	16.967	157	17.67	204	57.147	162	27.33	90	18.925	203	34.30	358
19.5	6.324	127	71.42	101	17.124	112	19.71	184	57.309	116	26.43	61	19.128	136	37.88	356
März 1.5	6.451	73	72.43	128	17.236	68	21.55	160	57.425	72	25.82	34	19.264	71	41.44	346
11.5	6.524	22	73.71	147	17.304	27	23.15	134	57.497	29	25.48	9	19.335	10	44.90	329
21.5	6.546	24	75.18	159	17.331	10	24.49	110	57.526	7	25.39	13	19.345	47	48.19	305
31.4	6.522	64	76.77	162	17.321	40	25.59	84	57.519	39	25.52	29	19.298	95	51.24	277
Apr. 10.4	6.458	97	78.39	158	17.281	66	26.43	59	57.480	64	25.81	44	19.203	138	54.01	242
20.4	6.361	120	79.97	147	17.215	84	27.02	36	57.416	83	26.25	54	19.065	174	56.43	205
30.4	6.241	138	81.44	131	17.131	97	27.38	13	57.333	96	26.79	60	18.891	202	58.48	164
Mai 10.3	6.103	148	82.75	110	17.034	107	27.51	8	57.237	104	27.39	64	18.689	223	60.12	119
20.3	5.955	151	83.85	86	16.927	111	27.43	29	57.133	108	28.03	66	18.466	238	61.31	73
30.3	5.804	149	84.71	59	16.816	112	27.14	47	57.025	107	28.69	64	18.228	247	62.04	26
Juni 9.2	5.655	143	85.30	30	16.704	108	26.67	65	56.918	103	29.33	61	17.981	248	62.30	21
19.2	5.512	132	85.60	2	16.596	103	26.02	80	56.815	97	29.94	56	17.733	244	62.09	67
29.2	5.380	118	85.62	29	16.493	94	25.22	93	56.718	87	30.50	50	17.489	231	61.42	112
Juli 9.2	5.262	101	85.33	57	16.399	83	24.29	103	56.631	74	31.00	42	17.258	212	60.30	152
19.1	5.161	80	84.76	85	16.316	68	23.26	111	56.557	61	31.42	32	17.046	186	58.78	189
29.1	5.081	57	83.91	112	16.248	49	22.15	112	56.496	42	31.74	20	16.860	152	56.89	219
Aug. 8.1	5.024	31	82.79	139	16.199	27	21.03	112	56.454	22	31.94	6	16.708	110	54.70	243
18.1	4.993	1	81.40	162	16.172	3	19.91	104	56.432	2	32.00	10	16.598	61	52.27	256
28.0	4.992	30	79.78	186	16.169	27	18.87	92	56.434	29	31.90	29	16.537	5	49.71	263
Sept. 7.0	5.022	67	77.92	205	16.196	61	17.95	75	56.463	60	31.61	50	16.532	55	47.08	258
17.0	5.089	104	75.87	223	16.257	96	17.20	52	56.523	94	31.11	72	16.587	121	44.50	243
26.9	5.193	146	73.64	239	16.353	136	16.68	24	56.617	130	30.39	97	16.708	188	42.07	218
Okt. 6.9	5.339	188	71.25	249	16.489	175	16.44	8	56.747	169	29.42	121	16.896	255	39.89	183
16.9	5.527	231	68.76	255	16.664	215	16.52	44	56.916	206	28.21	145	17.151	318	38.06	138
26.9	5.758	271	66.21	256	16.879	252	16.96	79	57.122	242	26.76	167	17.469	375	36.68	88
Nov. 5.8	6.029	308	63.65	251	17.131	285	17.75	116	57.364	275	25.09	187	17.844	424	35.80	31
15.8	6.337	339	61.14	239	17.416	311	18.91	151	57.639	302	23.22	201	18.268	460	35.49	28
25.8	6.676	361	58.75	219	17.727	329	20.42	180	57.941	321	21.21	211	18.728	482	35.77	88
Dez. 5.8	7.037	373	56.56	194	18.056	337	22.22	207	58.262	331	19.10	213	19.210	488	36.65	146
15.7	7.410	375	54.62	160	18.393	335	24.29	225	58.593	331	16.97	210	19.698	479	38.11	200
25.7	7.785	363	53.02	124	18.728	321	26.54	236	58.924	319	14.87	199	20.177	454	40.11	247
35.7	8.148		51.78		19.049		28.90		59.243		12.88		20.631		42.58	
Mittl. Ort	3.240		90.83		14.375		4.66		54.543		44.13		15.726		29.37	
sec δ, tg δ	1.200		+0.663		1.032		−0.256		1.006		+0.113		1.703		−1.378	

Mittlere Zeit Greenw.	429) Gr. 1771 AR.	Diff.	429) Gr. 1771 Dekl.	Diff.	433) λ Draconis AR.	Diff.	433) λ Draconis Dekl.	Diff.	434) ξ Hydrae AR.	Diff.	434) ξ Hydrae Dekl.	Diff.	436) λ Centauri AR.	Diff.	436) λ Centauri Dekl.	Diff.
1918	11h 17m		+64° 46′		11h 26m		+69° 46′		11h 28m		−31° 24′		11h 31m		−62° 33′	
	s		″		s		″		s		″		s		″	
Jan. 0.7	62.03	60	21.14	7	35.57	72	35.83	12	59.438	343	11.67	261	61.32	54	47.91	253
10.7	62.63	55	21.21	67	36.29	66	35.95	74	59.781	313	14.28	278	61.86	49	50.44	295
20.6	63.18	48	21.88	122	36.95	59	36.69	131	60.094	274	17.06	287	62.35	42	53.39	327
30.6	63.66	40	23.10	172	37.54	48	38.00	183	60.368	229	19.93	288	62.77	35	56.66	352
Feb. 9.6	64.06	30	24.82	214	38.02	38	39.83	225	60.597	181	22.81	283	63.12	27	60.18	366
19.6	64.36	20	26.96	245	38.40	26	42.08	259	60.778	131	25.64	270	63.39	19	63.84	371
März 1.5	64.56	10	29.41	267	38.66	13	44.67	280	60.909	84	28.34	253	63.58	11	67.55	368
11.5	64.66	0	32.08	276	38.79	1	47.47	290	60.993	40	30.87	231	63.69	3	71.23	357
21.5	64.66	10	34.84	273	38.80	11	50.37	287	61.033	2	33.18	206	63.72	4	74.80	338
31.4	64.56	18	37.57	260	38.69	22	53.24	273	61.031	36	35.24	179	63.68	10	78.18	313
Apr. 10.4	64.38	25	40.17	237	38.47	31	55.97	248	60.995	65	37.03	149	63.58	16	81.31	281
20.4	64.13	31	42.54	204	38.16	39	58.45	215	60.930	89	38.52	119	63.42	22	84.12	246
30.4	63.82	36	44.58	166	37.77	44	60.60	174	60.841	108	39.71	85	63.20	25	86.58	205
Mai 10.3	63.46	38	46.24	121	37.33	49	62.34	128	60.733	122	40.56	54	62.95	29	88.63	160
20.3	63.08	39	47.45	73	36.84	50	63.62	78	60.611	130	41.10	20	62.66	31	90.23	112
30.3	62.69	40	48.18	24	36.34	52	64.40	25	60.481	136	41.30	12	62.35	34	91.35	63
Juni 9.3	62.29	38	48.42	26	35.82	50	64.65	27	60.345	137	41.18	44	62.01	33	91.98	12
19.2	61.91	36	48.16	76	35.32	48	64.38	78	60.208	134	40.74	75	61.68	34	92.10	38
29.2	61.55	32	47.40	123	34.84	44	63.60	129	60.074	128	39.99	103	61.34	33	91.72	87
Juli 9.2	61.23	29	46.17	167	34.40	39	62.31	174	59.946	117	38.96	126	61.01	31	90.85	134
19.1	60.94	25	44.50	209	34.01	34	60.57	218	59.829	103	37.70	149	60.70	28	89.51	177
29.1	60.69	19	42.41	244	33.67	28	58.39	256	59.726	82	36.21	165	60.42	24	87.74	214
Aug. 8.1	60.50	13	39.97	277	33.39	20	55.83	288	59.644	59	34.56	175	60.18	19	85.60	244
18.1	60.37	7	37.20	303	33.19	13	52.95	317	59.585	29	32.81	180	59.99	12	83.16	266
28.0	60.30	0	34.17	323	33.06	5	49.78	337	59.556	5	31.01	176	59.87	5	80.50	279
Sept. 7.0	60.30	7	30.94	338	33.01	5	46.41	352	59.561	44	29.25	165	59.82	2	77.71	281
17.0	60.37	14	27.56	347	33.06	13	42.89	360	59.605	87	27.60	146	59.84	11	74.90	272
27.0	60.51	22	24.09	347	33.19	23	39.29	361	59.692	133	26.14	119	59.95	20	72.18	252
Okt. 6.9	60.73	29	20.62	342	33.42	32	35.68	354	59.825	179	24.95	87	60.15	28	69.66	222
16.9	61.02	37	17.20	328	33.74	42	32.14	339	60.004	226	24.08	46	60.43	37	67.44	181
26.9	61.39	44	13.92	307	34.16	50	28.75	315	60.230	269	23.62	3	60.80	44	65.63	133
Nov. 5.8	61.83	51	10.85	277	34.66	59	25.60	285	60.499	307	23.59	43	61.24	50	64.30	76
15.8	62.34	56	8.08	239	35.25	65	22.75	244	60.806	338	24.02	90	61.74	56	63.54	16
25.8	62.90	60	5.69	195	35.90	71	20.31	198	61.144	360	24.92	136	62.30	58	63.38	46
Dez. 5.8	63.50	62	3.74	143	36.61	74	18.33	143	61.504	369	26.28	178	62.88	60	63.84	108
15.7	64.12	63	2.31	87	37.35	74	16.90	86	61.873	367	28.06	214	63.48	59	64.92	167
25.7	64.75	62	1.44	28	38.09	74	16.04	24	62.240	355	30.20	244	64.07	56	66.59	220
35.7	65.37		1.16		38.83		15.80		62.595		32.64		64.63		68.79	
Mittl. Ort	59.73		46.10		33.17		61.59		57.920		13.64		59.49		57.66	
sec δ, tg δ	2.347		+2.123		2.894		+2.716		1.172		−0.611		2.171		−1.926	

Mittlere Zeit Greenw.	437) υ Leonis				440) 3 Draconis				441) χ Ursae majoris				444) β Leonis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$11^h\ 32^m$		−0° 22′		$11^h\ 37^m$		+67° 11′		$11^h\ 41^m$		+48° 13′		$11^h\ 44^m$		+15° 1′	
Jan. 0.7	$46^s.468$	315	23″.77	211	$56^s.75$	66	30″.19	10	$45^s.176$	427	39″.97	75	$54^s.107$	327	36″.22	176
10.7	46.783	290	25.88	197	57.41	62	30.09	52	45.603	400	39.22	20	54.434	304	34.46	148
20.7	47.073	257	27.85	179	58.03	54	30.61	110	46.003	359	39.02	33	54.738	273	32.98	116
30.6	47.330	217	29.64	156	58.57	47	31.71	164	46.362	306	39.35	84	55.011	234	31.82	81
Feb. 9.6	47.547	175	31.20	130	59.04	36	33.35	209	46.668	248	40.19	129	55.245	192	31.01	47
19.6	47.722	130	32.50	103	59.40	26	35.44	246	46.916	182	41.48	169	55.437	145	30.54	13
März 1.5	47.852	87	33.53	77	59.66	16	37.90	271	47.098	116	43.17	199	55.582	101	30.41	17
11.5	47.939	46	34.30	51	59.82	3	40.61	285	47.214	52	45.16	218	55.683	57	30.58	43
21.5	47.985	10	34.81	27	59.85	6	43.46	285	47.266	8	47.34	230	55.740	17	31.01	65
31.5	47.995	22	35.08	7	59.79	17	46.31	276	47.258	63	49.64	229	55.757	17	31.66	80
Apr. 10.4	47.973	49	35.15	12	59.62	24	49.07	254	47.195	109	51.93	221	55.740	46	32.46	92
20.4	47.924	69	35.03	26	59.38	32	51.61	226	47.086	146	54.14	203	55.694	69	33.38	96
30.4	47.855	83	34.77	38	59.06	37	53.87	187	46.940	176	56.17	178	55.625	87	34.34	97
Mai 10.4	47.772	95	34.39	48	58.69	41	55.74	143	46.764	196	57.95	147	55.538	99	35.31	94
20.3	47.677	100	33.91	56	58.28	44	57.17	96	46.568	209	59.42	112	55.439	107	36.25	87
30.3	47.577	103	33.35	60	57.84	44	58.13	45	46.359	213	60.54	73	55.332	111	37.12	77
Juni 9.3	47.474	102	32.75	64	57.40	45	58.58	7	46.146	212	61.27	32	55.221	112	37.89	64
19.2	47.372	98	32.11	66	56.95	42	58.51	58	45.934	205	61.59	8	55.109	108	38.53	52
29.2	47.274	92	31.45	65	56.53	40	57.93	107	45.729	191	61.51	50	55.001	103	39.05	36
Juli 9.2	47.182	82	30.80	63	56.13	36	56.86	155	45.538	173	61.01	90	54.898	94	39.41	19
19.2	47.100	71	30.17	58	55.77	31	55.31	199	45.365	151	60.11	129	54.804	82	39.60	2
29.1	47.029	54	29.59	50	55.46	27	53.32	238	45.214	125	58.82	164	54.722	67	39.62	17
Aug. 8.1	46.975	36	29.09	41	55.19	20	50.94	273	45.089	93	57.18	198	54.655	48	39.45	36
18.1	46.939	14	28.68	28	54.99	14	48.21	303	44.996	59	55.20	227	54.607	27	39.09	58
28.0	46.925	14	28.40	11	54.85	6	45.18	327	44.937	19	52.93	254	54.580	0	38.51	79
Sept. 7.0	46.939	44	28.29	9	54.79	1	41.91	344	44.918	24	50.39	276	54.580	30	37.72	100
17.0	46.983	78	28.38	31	54.80	10	38.47	356	44.942	72	47.63	294	54.610	65	36.72	125
27.0	47.061	115	28.69	56	54.90	17	34.91	359	45.014	123	44.69	306	54.675	101	35.47	146
Okt. 6.9	47.176	154	29.25	84	55.07	27	31.32	356	45.137	176	41.63	313	54.776	142	34.01	168
16.9	47.330	193	30.09	111	55.34	35	27.76	345	45.313	229	38.50	313	54.918	182	32.33	189
26.9	47.523	232	31.20	138	55.69	43	24.31	325	45.542	282	35.37	306	55.100	222	30.44	205
Nov. 5.9	47.755	266	32.58	163	56.12	51	21.06	296	45.824	331	32.31	291	55.322	260	28.39	217
15.8	48.021	296	34.21	185	56.63	57	18.10	260	46.155	374	29.40	269	55.582	292	26.22	226
25.8	48.317	316	36.06	201	57.20	63	15.50	216	46.529	407	26.71	238	55.874	316	23.96	226
Dez. 5.8	48.633	329	38.07	213	57.83	66	13.34	163	46.936	430	24.33	200	56.190	332	21.70	221
15.7	48.962	331	40.20	216	58.49	68	11.71	108	47.366	440	22.33	155	56.522	338	19.49	209
25.7	49.293	322	42.36	214	59.17	67	10.63	46	47.806	434	20.78	106	56.860	332	17.40	189
35.7	49.615		44.50		59.84		10.17		48.240		19.72		57.192		15.51	
Mittl. Ort	45.012		15.47		54.72		55.98		43.588		62.74		52.706		49.78	
sec δ, tg δ	1.000		−0.006		2.580		+2.379		1.501		+1.120		1.035		+0.268	

Mittlere Zeit Greenw.	445) β Virginis				447) γ Ursae majoris				450) ο Virginis				452) δ Centauri			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	11ʰ 46ᵐ		+2° 13′		11ʰ 49ᵐ		+54° 8′		12ʰ 1ᵐ		+9° 10′		12ʰ 4ᵐ		−50° 15′	
Jan. 0.7	26.814ˢ	321	27.38″	207	33.031ˢ	475	38.24″	64	3.255ˢ	326	66.33″	194	7.529ˢ	446	49.01″	229
10.7	27.135	299	25.31	191	33.506	446	37.60	8	3.581	307	64.39	172	7.975	415	51.30	265
20.7	27.434	268	23.40	171	33.952	404	37.52	50	3.888	279	62.67	144	8.390	373	53.95	294
30.6	27.702	231	21.69	145	34.356	348	38.02	104	4.167	243	61.23	114	8.763	323	56.89	315
Feb. 9.6	27.933	189	20.24	118	34.704	282	39.06	151	4.410	202	60.09	81	9.086	268	60.04	326
19.6	28.122	145	19.06	89	34.986	212	40.57	191	4.612	159	59.28	50	9.354	209	63.30	329
März 1.6	28.267	102	18.17	62	35.198	137	42.48	223	4.771	116	58.78	19	9.563	151	66.59	327
11.5	28.369	62	17.55	35	35.335	64	44.71	243	4.887	74	58.59	9	9.714	95	69.86	315
21.5	28.431	24	17.20	12	35.399	5	47.14	252	4.961	36	58.68	32	9.809	42	73.01	299
31.5	28.455	8	17.08	8	35.394	68	49.66	252	4.997	2	59.00	50	9.851	7	76.00	276
Apr. 10.4	28.447	36	17.16	25	35.326	124	52.18	240	4.999	27	59.50	66	9.844	50	78.76	250
20.4	28.411	57	17.41	39	35.202	169	54.58	220	4.972	51	60.16	75	9.794	89	81.26	218
30.4	28.354	75	17.80	49	35.033	205	56.78	193	4.921	70	60.91	81	9.705	122	83.44	184
Mai 10.4	28.279	87	18.29	57	34.828	231	58.71	157	4.851	85	61.72	83	9.583	151	85.28	146
20.3	28.192	95	18.86	61	34.597	248	60.28	119	4.766	95	62.55	81	9.432	174	86.74	105
30.3	28.097	99	19.47	64	34.349	256	61.47	76	4.671	101	63.36	77	9.258	192	87.79	63
Juni 9.3	27.998	100	20.11	65	34.093	257	62.23	32	4.570	105	64.13	71	9.066	204	88.42	20
19.3	27.898	99	20.76	63	33.836	250	62.55	14	4.465	104	64.84	62	8.862	212	88.62	23
29.2	27.799	95	21.39	60	33.586	236	62.41	58	4.361	103	65.46	52	8.650	213	88.39	67
Juli 9.2	27.704	86	21.99	54	33.350	217	61.83	102	4.258	96	65.98	39	8.437	207	87.72	106
19.2	27.618	77	22.53	48	33.133	192	60.81	144	4.162	88	66.37	26	8.230	194	86.66	144
29.1	27.541	63	23.01	38	32.941	163	59.37	183	4.074	75	66.63	11	8.036	174	85.22	177
Aug. 8.1	27.478	45	23.39	27	32.778	127	57.54	218	3.999	60	66.74	5	7.862	145	83.45	204
18.1	27.433	24	23.66	12	32.651	88	55.36	249	3.939	39	66.69	24	7.717	108	81.41	224
28.1	27.409	2	23.78	5	32.563	43	52.87	277	3.900	14	66.45	44	7.609	63	79.17	237
Sept. 7.0	27.411	31	23.73	25	32.520	6	50.10	300	3.886	14	66.01	65	7.546	11	76.80	240
17.0	27.442	66	23.48	48	32.526	60	47.10	317	3.900	48	65.36	89	7.535	47	74.40	233
27.0	27.508	102	23.00	72	32.586	118	43.93	328	3.948	86	64.47	112	7.582	111	72.07	218
Okt. 7.0	27.610	143	22.28	98	32.704	177	40.65	333	4.034	125	63.35	136	7.693	176	69.89	191
16.9	27.753	182	21.30	124	32.881	238	37.32	331	4.159	167	61.99	160	7.869	242	67.98	156
26.9	27.935	222	20.06	150	33.119	297	34.01	321	4.326	208	60.39	180	8.111	303	66.42	113
Nov. 5.9	28.157	258	18.56	173	33.416	353	30.80	303	4.534	247	58.59	199	8.414	359	65.29	64
15.8	28.415	290	16.83	192	33.769	402	27.77	278	4.781	280	56.60	212	8.773	405	64.65	11
25.8	28.705	314	14.91	206	34.171	443	24.99	242	5.061	307	54.48	220	9.178	439	64.54	45
Dez. 5.8	29.019	328	12.85	215	34.614	470	22.57	201	5.368	325	52.28	221	9.617	459	64.99	100
15.8	29.347	333	10.70	217	35.084	483	20.56	151	5.693	333	50.07	216	10.076	465	65.99	153
25.7	29.680	327	8.53	211	35.567	481	19.05	98	6.026	331	47.91	203	10.541	455	67.52	200
35.7	30.007		6.42		36.048		18.07		6.357		45.88		10.996		69.52	
Mittl. Ort	25.436		36.60		31.470		62.31		1.963		77.98		6.113		56.62	
sec δ, tg δ	1.001		+0.039		1.707		+1.384		1.013		+0.162		1.564		−1.203	

Mittlere Zeit Greenw.	453) ε Corvi				454) 4 H. Draconis				456) δ Ursae majoris				459) β Chamaeleonis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$12^h\ 5^m$		−22° 9′		$12^h\ 8^m$		+78° 3′		$12^h\ 11^m$		+57° 28′		$12^h\ 13^m$		−78° 51′	
Jan. 0.7	55.566	343	50.14	234	24.18	115	51.57	20	23.790	511	52.32	80	32.50	124	12.45	172
10.7	55.909	321	52.48	243	25.33	110	51.37	47	24.301	489	51.52	20	33.74	116	14.17	227
20.7	56.230	290	54.91	247	26.43	102	51.84	109	24.790	451	51.32	40	34.90	105	16.44	274
30.6	56.520	254	57.38	243	27.45	89	52.93	167	25.241	396	51.72	97	35.95	91	19.18	314
Feb. 9.6	56.774	212	59.81	234	28.34	74	54.60	217	25.637	332	52.69	149	36.86	75	22.32	345
19.6	56.986	168	62.15	220	29.08	55	56.77	258	25.969	259	54.18	194	37.61	58	25.77	366
März 1.6	57.154	126	64.35	201	29.63	36	59.35	288	26.228	181	56.12	229	38.19	41	29.43	380
11.5	57.280	83	66.36	180	29.99	16	62.23	305	26.409	103	58.41	253	38.60	25	33.23	383
21.5	57.363	45	68.16	157	30.15	4	65.28	310	26.512	26	60.94	267	38.85	7	37.06	380
31.5	57.408	11	69.73	133	30.11	24	68.38	302	26.538	44	63.61	269	38.92	10	40.86	367
Apr. 10.5	57.419	19	71.06	109	29.87	41	71.40	282	26.494	109	66.30	261	38.82	25	44.53	346
20.4	57.400	45	72.15	83	29.46	56	74.22	254	26.385	162	68.91	242	38.57	40	47.99	320
30.4	57.355	65	72.98	59	28.90	70	76.76	215	26.223	208	71.33	216	38.17	53	51.19	287
Mai 10.4	57.290	82	73.57	34	28.20	79	78.91	171	26.015	243	73.49	182	37.64	65	54.06	248
20.3	57.208	96	73.91	9	27.41	87	80.62	120	25.772	268	75.31	141	36.99	75	56.54	202
30.3	57.112	105	74.00	14	26.54	92	81.82	67	25.504	284	76.72	99	36.24	83	58.56	154
Juni 9.3	57.007	112	73.86	36	25.62	93	82.49	11	25.220	292	77.71	52	35.41	89	60.10	101
19.3	56.895	115	73.50	58	24.69	93	82.60	44	24.928	290	78.23	5	34.52	93	61.11	47
29.2	56.780	116	72.92	78	23.76	90	82.16	98	24.638	282	78.28	43	33.59	95	61.58	8
Juli 9.2	56.664	112	72.14	95	22.86	85	81.18	150	24.356	266	77.85	90	32.64	92	61.50	64
19.2	56.552	104	71.19	110	22.01	77	79.68	198	24.090	244	76.95	135	31.72	88	60.86	117
29.2	56.448	92	70.09	120	21.24	68	77.70	242	23.846	217	75.60	176	30.84	80	59.69	167
Aug. 8.1	56.356	76	68.89	128	20.56	58	75.28	282	23.629	180	73.84	216	30.04	69	58.02	211
18.1	56.280	53	67.61	129	19.98	46	72.46	314	23.449	141	71.68	251	29.35	55	55.91	249
28.1	56.227	25	66.32	125	19.52	33	69.32	342	23.308	94	69.17	282	28.80	40	53.42	278
Sept. 7.0	56.202	8	65.07	115	19.19	19	65.90	362	23.214	42	66.35	306	28.40	21	50.64	297
17.0	56.210	46	63.92	98	19.00	4	62.28	375	23.172	16	63.29	327	28.19	1	47.67	306
27.0	56.256	87	62.94	76	18.96	12	58.53	381	23.188	77	60.02	341	28.18	21	44.61	302
Okt. 7.0	56.343	133	62.18	47	19.08	29	54.72	379	23.265	144	56.61	348	28.39	41	41.59	287
16.9	56.476	179	61.71	14	19.37	44	50.93	367	23.409	211	53.13	348	28.80	63	38.72	259
26.9	56.655	223	61.57	22	19.81	60	47.26	348	23.620	278	49.65	339	29.43	81	36.13	221
Nov. 5.9	56.878	265	61.79	61	20.41	75	43.78	318	23.898	342	46.26	323	30.24	98	33.92	174
15.9	57.143	300	62.40	99	21.16	89	40.60	281	24.240	401	43.03	297	31.22	112	32.18	117
25.8	57.443	328	63.39	137	22.05	101	37.79	236	24.641	449	40.06	262	32.34	122	31.01	58
Dez. 5.8	57.771	345	64.76	170	23.06	109	35.43	181	25.090	487	37.44	220	33.56	128	30.43	7
15.8	58.116	352	66.46	198	24.15	114	33.62	122	25.577	508	35.24	171	34.84	130	30.50	71
25.7	58.468	348	68.44	221	25.29	116	32.40	58	26.085	514	33.53	114	36.14	128	31.21	134
35.7	58.816		70.65		26.45		31.82		26.599		32.39		37.42		32.55	
Mittl. Ort	54.276		49.44		22.45		78.71		22.494		77.21		30.47		25.10	
sec δ, tg δ	1.080		−0.407		4.838		+4.734		1.861		+1.569		5.175		−5.077	

Mittlere Zeit Greenw.	460) η Virginis				462) α Crucis med.				466) 20 Comae				465) δ Corvi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	12h 15m		−0° 12′		12h 22m		−62° 38′		12h 25m		+21° 20′		12h 25m		−16° 3′	
Jan. 0.7	43.813	327	48.66	211	3.27	59	32.03	191	37.316	344	44.35	180	38.316	340	35.24	222
10.7	44.140	310	50.77	199	3.86	56	33.94	239	37.660	329	42.55	146	38.656	322	37.46	226
20.7	44.450	284	52.76	180	4.42	51	36.33	278	37.989	305	41.09	106	38.978	296	39.72	225
30.7	44.734	251	54.56	158	4.93	45	39.11	311	38.294	271	40.03	67	39.274	263	41.97	217
Feb. 9.6	44.985	212	56.14	131	5.38	38	42.22	333	38.565	232	39.36	25	39.537	225	44.14	204
19.6	45.197	171	57.45	104	5.76	30	45.55	347	38.797	190	39.11	14	39.762	184	46.18	186
März 1.6	45.368	130	58.49	76	6.06	23	49.02	354	38.987	144	39.25	49	39.946	144	48.04	166
11.5	45.498	90	59.25	49	6.29	16	52.56	352	39.131	101	39.74	80	40.090	103	49.70	143
21.5	45.588	53	59.74	24	6.45	8	56.08	342	39.232	59	40.54	105	40.193	66	51.13	121
31.5	45.641	19	59.98	3	6.53	1	59.50	327	39.291	21	41.59	123	40.259	32	52.34	97
Apr. 10.5	45.660	10	60.01	16	6.54	5	62.77	304	39.312	12	42.82	134	40.291	2	53.31	75
20.4	45.650	34	59.85	32	6.49	11	65.81	276	39.300	41	44.16	138	40.293	24	54.06	54
30.4	45.616	54	59.53	43	6.38	17	68.57	242	39.259	64	45.54	137	40.269	46	54.60	32
Mai 10.4	45.562	70	59.10	53	6.21	21	70.99	205	39.195	84	46.91	130	40.223	64	54.92	13
20.4	45.492	83	58.57	59	6.00	25	73.04	163	39.111	98	48.21	119	40.159	79	55.05	6
30.3	45.409	92	57.98	64	5.75	28	74.67	117	39.013	109	49.40	104	40.080	92	54.99	24
Juni 9.3	45.317	97	57.34	66	5.47	31	75.84	70	38.904	116	50.44	85	39.988	100	54.75	40
19.3	45.220	101	56.68	66	5.16	33	76.54	21	38.788	119	51.29	65	39.888	107	54.35	55
29.2	45.119	102	56.02	64	4.83	33	76.75	29	38.669	120	51.94	42	39.781	109	53.80	69
Juli 9.2	45.017	99	55.38	61	4.50	33	76.46	78	38.549	117	52.36	19	39.672	110	53.11	80
19.2	44.918	92	54.77	55	4.17	33	75.68	123	38.432	111	52.55	5	39.562	105	52.31	90
29.2	44.826	84	54.22	48	3.84	29	74.45	167	38.321	101	52.50	31	39.457	97	51.41	96
Aug. 8.1	44.742	69	53.74	38	3.55	26	72.78	203	38.220	86	52.19	57	39.360	83	50.45	98
18.1	44.673	51	53.36	24	3.29	20	70.75	235	38.134	68	51.62	82	39.277	65	49.47	97
28.1	44.622	27	53.12	9	3.09	15	68.40	257	38.066	43	50.80	107	39.212	40	48.50	91
Sept. 7.1	44.595	1	53.03	10	2.94	7	65.83	270	38.023	14	49.73	133	39.172	10	47.59	80
17.0	44.596	35	53.13	31	2.87	1	63.13	273	38.009	19	48.40	158	39.162	25	46.79	63
27.0	44.631	72	53.44	55	2.88	10	60.40	266	38.028	58	46.82	182	39.187	65	46.16	41
Okt. 7.0	44.703	113	53.99	81	2.98	19	57.74	246	38.086	100	45.00	203	39.252	109	45.75	15
16.9	44.816	155	54.80	107	3.17	28	55.28	217	38.186	144	42.97	222	39.361	154	45.60	14
26.9	44.971	197	55.87	134	3.45	37	53.11	179	38.330	189	40.75	238	39.515	199	45.74	48
Nov. 5.9	45.168	238	57.21	159	3.82	45	51.32	130	38.519	232	38.37	247	39.714	242	46.22	81
15.9	45.406	272	58.80	181	4.27	52	50.02	76	38.751	270	35.90	252	39.956	279	47.03	115
25.8	45.678	301	60.61	198	4.79	56	49.26	18	39.021	303	33.38	249	40.235	310	48.18	147
Dez. 5.8	45.979	321	62.59	210	5.35	59	49.08	41	39.324	328	30.89	239	40.545	330	49.65	174
15.8	46.300	330	64.69	215	5.94	62	49.49	102	39.652	342	28.50	221	40.875	342	51.39	197
25.8	46.630	330	66.84	214	6.56	60	50.51	156	39.994	344	26.29	197	41.217	341	53.36	213
35.7	46.960		68.98		7.16		52.07		40.338		24.32		41.558		55.49	
Mittl. Ort	42.606		40.32		1.88		42.50		36.191		60.05		37.146		32.57	
sec δ, tg δ	1.000		−0.004		2.176		−1.933		1.074		+0.391		1.041		−0.288	

Mittlere Zeit Greenw.	470) 8 Canum ven. AR.		470) Dekl.		472) κ Draconis AR.		472) Dekl.		471) β Corvi AR.		471) Dekl.		473) 24 Comae sq. AR.		473) Dekl.	
1918	12ʰ 29ᵐ		+41° 47′		12ʰ 29ᵐ		+70° 13′		12ʰ 30ᵐ		−22° 56′		12ʰ 31ᵐ		+18° 49′	
Jan. 0.7	52.205ˢ	399	48.58″	139	60.43ˢ	75	57.63″	69	5.721ˢ	351	36.69″	220	2.169ˢ	341	27.05″	186
10.7	52.604	385	47.19	88	61.18	73	56.94	4	6.072	334	38.89	232	2.510	327	25.19	155
20.7	52.989	358	46.31	34	61.91	68	56.90	60	6.406	309	41.21	238	2.837	303	23.64	118
30.7	53.347	321	45.97	20	62.59	61	57.50	122	6.715	274	43.59	236	3.140	272	22.46	79
Feb. 9.6	53.668	274	46.17	70	63.20	52	58.72	176	6.989	235	45.95	230	3.412	234	21.67	40
19.6	53.942	223	46.87	117	63.72	41	60.48	224	7.224	195	48.25	217	3.646	192	21.27	1
März 1.6	54.165	168	48.04	156	64.13	30	62.72	261	7.419	152	50.42	201	3.838	148	21.26	35
11.6	54.333	113	49.60	188	64.43	18	65.33	287	7.571	112	52.43	181	3.986	106	21.61	65
21.5	54.446	58	51.48	210	64.61	5	68.20	299	7.683	73	54.24	161	4.092	65	22.26	91
31.5	54.504	9	53.58	222	64.66	6	71.19	301	7.756	38	55.85	138	4.157	29	23.17	110
Apr. 10.5	54.513	36	55.80	225	64.60	17	74.20	291	7.794	7	57.23	114	4.186	5	24.27	123
20.4	54.477	75	58.05	218	64.43	27	77.11	270	7.801	21	58.37	91	4.181	34	25.50	129
30.4	54.402	107	60.23	204	64.16	35	79.81	239	7.780	44	59.28	68	4.147	57	26.79	130
Mai 10.4	54.295	135	62.27	183	63.81	42	82.20	201	7.736	65	59.96	44	4.090	76	28.09	125
20.4	54.160	154	64.10	156	63.39	47	84.21	157	7.671	81	60.40	20	4.014	91	29.34	116
30.3	54.006	169	65.66	124	62.92	51	85.78	107	7.590	95	60.60	2	3.923	103	30.50	103
Juni 9.3	53.837	178	66.90	88	62.41	53	86.85	56	7.495	106	60.58	25	3.820	111	31.53	87
19.3	53.659	182	67.78	51	61.88	53	87.41	3	7.389	114	60.33	45	3.709	116	32.40	69
29.3	53.477	182	68.29	12	61.35	53	87.44	51	7.275	118	59.88	66	3.593	117	33.09	49
Juli 9.2	53.295	176	68.41	27	60.82	50	86.93	103	7.157	118	59.22	84	3.476	115	33.58	27
19.2	53.119	166	68.14	67	60.32	48	85.90	152	7.039	116	58.38	99	3.361	111	33.85	4
29.2	52.953	152	67.47	104	59.84	44	84.38	199	6.923	106	57.39	112	3.250	101	33.89	19
Aug. 8.1	52.801	132	66.43	141	59.40	38	82.39	240	6.817	93	56.27	120	3.149	88	33.70	43
18.1	52.669	107	65.02	175	59.02	31	79.99	279	6.724	75	55.07	124	3.061	70	33.27	68
28.1	52.562	78	63.27	207	58.71	24	77.20	312	6.649	48	53.83	123	2.991	47	32.59	93
Sept. 7.1	52.484	41	61.20	236	58.47	16	74.08	338	6.601	17	52.60	116	2.944	19	31.66	118
17.0	52.443	1	58.84	261	58.31	8	70.70	357	6.584	21	51.44	102	2.925	14	30.48	143
27.0	52.442	46	56.23	282	58.23	3	67.13	371	6.605	63	50.42	82	2.939	53	29.05	167
Okt. 7.0	52.488	95	53.41	299	58.26	13	63.42	376	6.668	109	49.60	57	2.992	94	27.38	189
17.0	52.583	148	50.42	309	58.39	23	59.66	373	6.777	156	49.03	27	3.086	138	25.49	210
26.9	52.731	201	47.33	312	58.62	33	55.93	361	6.933	204	48.76	8	3.224	182	23.39	226
Nov. 5.9	52.932	252	44.21	309	58.95	44	52.32	340	7.137	248	48.84	45	3.406	226	21.13	239
15.9	53.184	300	41.12	297	59.39	53	48.92	310	7.385	287	49.29	82	3.632	265	18.74	246
25.8	53.484	340	38.15	277	59.92	61	45.82	271	7.672	319	50.11	119	3.897	297	16.28	245
Dez. 5.8	53.824	371	35.38	249	60.53	69	43.11	223	7.991	342	51.30	154	4.194	323	13.83	239
15.8	54.195	391	32.89	211	61.22	72	40.88	168	8.333	353	52.84	182	4.517	336	11.44	223
25.8	54.586	399	30.78	168	61.94	74	39.20	107	8.686	353	54.66	207	4.853	342	9.21	202
35.7	54.985		29.10		62.68		38.13		9.039		56.73		5.195		7.19	
Mittl. Ort	51.139		70.18		59.45		84.26		4.563		36.40		1.079		41.92	
sec δ, tg δ	1.341		+0.894		2.958		+2.784		1.086		−0.423		1.057		+0.341	

Mittlere Zeit Greenw.	474) α Muscae AR.		474) α Muscae Dekl.		476) γ Centauri AR.		476) γ Centauri Dekl.		478) 76 Ursae maj. AR.		478) 76 Ursae maj. Dekl.		481) β Crucis AR.		481) β Crucis Dekl.	
1918	12ʰ 32ᵐ		−68° 40′		12ʰ 36ᵐ		−48° 30′		12ʰ 37ᵐ		+63° 9′		12ʰ 42ᵐ		−59° 14′	
Jan. 0.7	18.14ˢ	74	50.78″	166	60.368ˢ	451	27.25″	194	60.20ˢ	59	21.37″	97	56.327ˢ	557	16.59″	171
10.7	18.88	69	52.44	219	60.819	429	29.19	232	60.79	58	20.40	35	56.884	532	18.30	216
20.7	19.57	64	54.63	263	61.248	396	31.51	263	61.37	54	20.05	29	57.416	493	20.46	256
30.7	20.21	57	57.26	300	61.644	355	34.14	285	61.91	48	20.34	91	57.909	443	23.02	288
Feb. 9.6	20.78	48	60.26	328	61.999	306	36.99	298	62.39	42	21.25	147	58.352	385	25.90	312
19.6	21.26	39	63.54	349	62.305	253	39.97	310	62.81	34	22.72	197	58.737	321	29.02	328
März 1.6	21.65	31	67.03	360	62.558	200	43.07	308	63.15	26	24.69	237	59.058	255	32.30	335
11.6	21.96	21	70.63	362	62.758	148	46.15	301	63.41	16	27.06	266	59.313	188	35.65	336
21.5	22.17	12	74.25	358	62.906	96	49.16	289	63.57	8	29.72	284	59.501	124	39.01	328
31.5	22.29	3	77.83	346	63.002	48	52.05	271	63.65	2	32.56	291	59.625	61	42.29	316
Apr. 10.5	22.32	5	81.29	327	63.050	4	54.76	250	63.63	9	35.47	284	59.686	3	45.45	296
20.4	22.27	12	84.56	301	63.054	36	57.26	223	63.54	17	38.31	270	59.689	51	48.41	271
30.4	22.15	20	87.57	270	63.018	72	59.49	193	63.37	22	41.01	243	59.638	102	51.12	241
Mai 10.4	21.95	27	90.27	233	62.946	105	61.42	160	63.15	28	43.44	210	59.536	148	53.53	207
20.4	21.68	32	92.60	191	62.841	134	63.02	124	62.87	32	45.54	171	59.388	187	55.60	168
30.3	21.36	37	94.51	146	62.707	157	64.26	85	62.55	35	47.25	125	59.201	223	57.28	127
Juni 9.3	20.99	41	95.97	98	62.550	177	65.11	46	62.20	37	48.50	77	58.978	252	58.55	82
19.3	20.58	43	96.95	46	62.373	192	65.57	5	61.83	37	49.27	27	58.726	273	59.37	36
29.3	20.15	45	97.41	6	62.181	201	65.62	36	61.46	37	49.54	25	58.453	288	59.73	12
Juli 9.2	19.70	45	97.35	56	61.980	203	65.26	75	61.09	37	49.29	74	58.165	292	59.61	58
19.2	19.25	43	96.79	107	61.777	200	64.51	112	60.72	34	48.55	123	57.873	287	59.03	103
29.2	18.82	41	95.72	155	61.577	187	63.39	147	60.38	31	47.32	170	57.586	272	58.00	145
Aug. 8.1	18.41	36	94.17	195	61.390	167	61.92	176	60.07	28	45.62	212	57.314	245	56.55	182
18.1	18.05	30	92.22	232	61.223	138	60.16	200	59.79	24	43.50	252	57.069	206	54.73	214
28.1	17.75	22	89.90	260	61.085	100	58.16	217	59.55	18	40.98	286	56.863	155	52.59	239
Sept. 7.1	17.53	13	87.30	278	60.985	52	55.99	224	59.37	12	38.12	315	56.708	94	50.20	254
17.0	17.40	3	84.52	287	60.933	1	53.75	224	59.25	6	34.97	338	56.614	22	47.66	260
27.0	17.37	9	81.65	283	60.934	61	51.51	214	59.19	1	31.59	356	56.592	55	45.06	256
Okt. 7.0	17.46	20	78.82	270	60.995	127	49.37	195	59.20	9	28.03	365	56.647	140	42.50	241
17.0	17.66	32	76.12	243	61.122	192	47.42	166	59.29	18	24.38	366	56.787	224	40.09	215
26.9	17.98	43	73.69	208	61.314	256	45.76	128	59.47	25	20.72	361	57.011	306	37.94	181
Nov. 5.9	18.41	53	71.61	162	61.570	317	44.48	85	59.72	34	17.11	344	57.317	383	36.13	136
15.9	18.94	61	69.99	109	61.887	369	43.63	36	60.06	41	13.67	319	57.700	449	34.77	87
25.8	19.55	68	68.90	52	62.256	410	43.27	15	60.47	48	10.48	286	58.149	501	33.90	31
Dez. 5.8	20.23	72	68.38	10	62.666	439	43.42	68	60.95	52	7.62	242	58.650	539	33.59	25
15.8	20.95	75	68.48	71	63.105	454	44.10	118	61.47	57	5.20	191	59.189	559	33.84	82
25.8	21.70	74	69.19	130	63.559	454	45.28	166	62.04	58	3.29	134	59.748	561	34.66	137
35.7	22.44		70.49		64.013		46.94		62.62		1.95		60.309		36.03	
Mittl. Ort	16.77		62.35		59.182		34.70		59.33		47.13		55.139		26.55	
sec δ, tg δ	2.751		−2.563		1.509		−1.131		2.215		+1.976		1.955		−1.680	

Mittlere Zeit Greenw.	482) *n* Centauri				483) ε Ursae majoris				484) δ Virginis				485) 12 Can. ven. sq.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	12h 48m		−39° 43′		12h 50m		+56° 23′		12h 51m		+3° 50′		12h 52m		+38° 44′	
	s		″		s		″		s		″		s		″	
Jan. 0.8	54.395	406	54.64	193	26.334	498	52.27	129	29.322	331	24.29	207	12.545	387	78.79	167
10.7	54.801	391	56.57	223	26.832	490	50.98	68	29.653	321	22.22	192	12.932	378	77.12	116
20.7	55.192	364	58.80	247	27.322	464	50.30	6	29.974	300	20.30	170	13.310	357	75.96	64
30.7	55.556	329	61.27	263	27.786	424	50.24	$\overline{55}$	30.274	274	18.60	143	13.667	326	75.32	10
Feb. 9.6	55.885	287	63.90	272	28.210	371	50.79	113	30.548	239	17.17	114	13.993	286	75.22	$\overline{42}$
19.6	56.172	243	66.62	275	28.581	308	51.92	165	30.787	202	16.03	83	14.279	240	75.64	90
März 1.6	56.415	197	69.37	270	28.889	238	53.57	207	30.989	163	15.20	53	14.519	189	76.54	133
11.6	56.612	151	72.07	261	29.127	167	55.64	241	31.152	125	14.67	23	14.708	138	77.87	169
21.5	56.763	106	74.68	247	29.294	93	58.05	265	31.277	87	14.44	$\overline{3}$	14.846	88	79.56	195
31.5	56.869	65	77.15	229	29.387	23	60.70	275	31.364	54	14.47	25	14.934	40	81.51	213
Apr. 10.5	56.934	27	79.44	207	29.410	$\overline{42}$	63.45	276	31.418	22	14.72	44	14.974	$\overline{4}$	83.64	220
20.5	56.961	$\overline{9}$	81.51	183	29.368	101	66.21	267	31.440	$\overline{5}$	15.16	59	14.970	42	85.84	219
30.4	56.952	39	83.34	157	29.267	151	68.88	246	31.435	28	15.75	69	14.928	77	88.03	211
Mai 10.4	56.913	68	84.91	127	29.116	195	71.34	219	31.407	49	16.44	75	14.851	104	90.14	193
20.4	56.845	93	86.18	96	28.921	229	73.53	184	31.358	66	17.19	79	14.747	128	92.07	170
30.3	56.752	115	87.14	63	28.692	256	75.37	144	31.292	79	17.98	79	14.619	145	93.77	142
Juni 9.3	56.637	133	87.77	30	28.436	274	76.81	100	31.213	92	18.77	76	14.474	160	95.19	109
19.3	56.504	148	88.07	$\overline{4}$	28.162	285	77.81	54	31.121	100	19.53	72	14.314	167	96.28	75
29.3	56.356	158	88.03	38	27.877	288	78.35	5	31.021	106	20.25	66	14.147	173	97.03	37
Juli 9.2	56.198	163	87.65	70	27.589	284	78.40	$\overline{43}$	30.915	109	20.91	57	13.974	172	97.40	0
19.2	56.035	162	86.95	101	27.305	273	77.97	90	30.806	108	21.48	47	13.802	167	97.40	39
29.2	55.873	155	85.94	129	27.032	255	77.07	137	30.698	103	21.95	36	13.635	158	97.01	78
Aug. 8.2	55.718	141	84.65	153	26.777	230	75.70	179	30.595	95	22.31	22	13.477	143	96.23	114
18.1	55.577	119	83.12	171	26.547	198	73.91	219	30.500	80	22.53	6	13.334	123	95.09	149
28.1	55.458	89	81.41	183	26.349	159	71.72	255	30.420	59	22.59	$\overline{12}$	13.211	97	93.60	184
Sept. 7.1	55.369	52	79.58	188	26.190	113	69.17	287	30.361	34	22.47	31	13.114	64	91.76	214
17.0	55.317	6	77.70	185	26.077	59	66.30	313	30.327	3	22.16	53	13.050	27	89.62	242
27.0	55.311	$\overline{45}$	75.85	174	26.018	0	63.17	335	30.324	$\overline{34}$	21.63	77	13.023	$\overline{17}$	87.20	267
Okt. 7.0	55.356	101	74.11	154	26.018	64	59.82	349	30.358	75	20.86	102	13.040	65	84.53	286
17.0	55.457	159	72.57	127	26.082	133	56.33	356	30.433	119	19.84	126	13.105	117	81.67	301
26.9	55.616	216	71.30	92	26.215	203	52.77	355	30.552	163	18.58	151	13.222	169	78.66	310
Nov. 5.9	55.832	270	70.38	52	26.418	272	49.22	346	30.715	206	17.07	174	13.391	221	75.56	311
15.9	56.102	319	69.86	7	26.690	336	45.76	327	30.921	247	15.33	192	13.612	271	72.45	304
25.9	56.421	359	69.79	$\overline{38}$	27.026	394	42.49	298	31.168	281	13.41	208	13.883	313	69.41	289
Dez. 5.8	56.780	387	70.17	85	27.420	440	39.51	262	31.449	306	11.33	215	14.196	347	66.52	265
15.8	57.167	404	71.02	129	27.860	475	36.89	215	31.755	324	9.18	218	14.543	372	63.87	232
25.8	57.571	407	72.31	169	28.335	492	34.74	163	32.079	329	7.00	212	14.915	383	61.55	193
35.7	57.978		74.00		28.827		33.11		32.408		4.88		15.298		59.62	
Mittl. Ort	53.309		59.76		25.579		76.85		28.335		33.88		11.679		99.45	
sec δ, tg δ	1.300		−0.831		1.807		+1.505		1.002		+0.067		1.282		+0.803	

Mittlere Zeit Greenw.	486) 8 Draconis AR.	Diff.	486) 8 Draconis Dekl.	Diff.	488) ε Virginis AR.	Diff.	488) ε Virginis Dekl.	Diff.
1918	12h 52m		+65° 52′		12h 58m		+11° 23′	
Jan. 0.8	13.53	64	33.20	109	6.628	334	46.43	204
10.7	14.17	62	32.11	45	6.962	326	44.39	180
20.7	14.79	60	31.66	21	7.288	307	42.59	151
30.7	15.39	54	31.87	83	7.595	280	41.08	117
Feb. 9.7	15.93	48	32.70	143	7.875	247	39.91	81
19.6	16.41	40	34.13	195	8.122	210	39.10	45
März 1.6	16.81	30	36.08	237	8.332	171	38.65	11
11.6	17.11	21	38.45	269	8.503	131	38.54	21
21.5	17.32	10	41.14	289	8.634	94	38.75	49
31.5	17.42	1	44.03	299	8.728	58	39.24	71
Apr. 10.5	17.43	8	47.02	295	8.786	25	39.95	89
20.5	17.35	16	49.97	281	8.811	3	40.84	101
30.4	17.19	24	52.78	257	8.808	28	41.85	107
Mai 10.4	16.95	30	55.35	224	8.780	49	42.92	109
20.4	16.65	35	57.59	185	8.731	67	44.01	106
30.4	16.30	38	59.44	140	8.664	83	45.07	101
Juni 9.3	15.92	42	60.84	92	8.581	95	46.08	91
19.3	15.50	42	61.76	40	8.486	105	46.99	79
29.3	15.08	43	62.16	10	8.381	111	47.78	66
Juli 9.2	14.65	43	62.06	65	8.270	114	48.44	50
19.2	14.22	40	61.41	114	8.156	114	48.94	33
29.2	13.82	38	60.27	162	8.042	110	49.27	14
Aug. 8.2	13.44	34	58.65	207	7.932	102	49.41	5
18.1	13.10	30	56.58	247	7.830	87	49.36	27
28.1	12.80	24	54.11	285	7.743	68	49.09	48
Sept. 7.1	12.56	18	51.26	315	7.675	43	48.61	72
17.1	12.38	11	48.11	340	7.632	11	47.89	97
27.0	12.27	3	44.71	359	7.621	25	46.92	121
Okt. 7.0	12.24	6	41.12	371	7.646	66	45.71	145
17.0	12.30	14	37.41	374	7.712	110	44.26	169
26.9	12.44	24	33.67	368	7.822	156	42.57	191
Nov. 5.9	12.68	33	29.99	354	7.978	200	40.66	208
15.9	13.01	41	26.45	330	8.178	241	38.58	223
25.9	13.42	49	23.15	297	8.419	277	36.35	231
Dez. 5.8	13.91	55	20.18	254	8.696	304	34.04	232
15.8	14.46	60	17.64	204	9.000	324	31.72	227
25.8	15.06	62	15.60	145	9.324	332	29.45	214
35.8	15.68		14.15		9.656		27.31	
Mittl. Ort	12.95		59.17		5.702		58.58	
sec δ, tg δ	2.447		+2.234		1.020		+0.202	

Mittlere Zeit Greenw.	490) ϑ Virginis AR.	Diff.	490) ϑ Virginis Dekl.	Diff.	492) 43 Comae AR.	Diff.	492) 43 Comae Dekl.	Diff.
1918	13h 5m		−5° 6′		13h 8m		+28° 17′	
Jan. 0.8	43.076	334	11.95	208	3.686	355	19.08	191
10.7	43.410	327	14.03	202	4.041	348	17.17	150
20.7	43.737	308	16.05	190	4.389	332	15.67	105
30.7	44.045	282	17.95	173	4.721	306	14.62	58
Feb. 9.7	44.327	251	19.68	150	5.027	272	14.04	9
19.6	44.578	215	21.18	127	5.299	232	13.95	36
März 1.6	44.793	178	22.45	100	5.531	190	14.31	79
11.6	44.971	141	23.45	75	5.721	146	15.10	115
21.5	45.112	105	24.20	50	5.867	103	16.25	146
31.5	45.217	72	24.70	27	5.970	61	17.71	167
Apr. 10.5	45.289	40	24.97	6	6.031	24	19.38	181
20.5	45.329	13	25.03	10	6.055	10	21.19	188
30.4	45.342	11	24.93	26	6.045	41	23.07	185
Mai 10.4	45.331	33	24.67	37	6.004	67	24.92	178
20.4	45.298	52	24.30	47	5.937	88	26.70	163
30.4	45.246	69	23.83	54	5.849	108	28.33	143
Juni 9.3	45.177	83	23.29	60	5.741	122	29.76	121
19.3	45.094	94	22.69	63	5.619	133	30.97	93
29.3	45.000	104	22.06	65	5.486	140	31.90	64
Juli 9.2	44.896	109	21.41	65	5.346	145	32.54	34
19.2	44.787	111	20.76	63	5.201	145	32.88	2
29.2	44.676	109	20.13	59	5.056	140	32.90	30
Aug. 8.2	44.567	101	19.54	54	4.916	131	32.60	62
18.1	44.466	90	19.00	44	4.785	116	31.98	94
28.1	44.376	70	18.56	34	4.669	94	31.04	126
Sept. 7.1	44.306	45	18.22	18	4.575	68	29.78	156
17.1	44.261	14	18.04	1	4.507	35	28.22	184
27.0	44.247	23	18.05	21	4.472	4	26.38	210
Okt. 7.0	44.270	64	18.26	45	4.476	47	24.28	234
17.0	44.334	109	18.71	72	4.523	95	21.94	254
26.9	44.443	155	19.43	98	4.618	144	19.40	269
Nov. 5.9	44.598	200	20.41	125	4.762	193	16.71	278
15.9	44.798	241	21.66	150	4.955	239	13.93	281
25.9	45.039	277	23.16	172	5.194	280	11.12	276
Dez. 5.8	45.316	305	24.88	189	5.474	312	8.36	263
15.8	45.621	324	26.77	201	5.786	337	5.73	240
25.8	45.945	332	28.78	207	6.123	350	3.33	211
35.8	46.277		30.85		6.473		1.22	
Mittl. Ort	42.152		5.67		2.897		36.57	
sec δ, tg δ	1.004		—0.089		1.136		+0.538	

Mittlere Zeit Greenw.	495) γ Hydrae				496) ι Centauri				497) ζ Ursae maj. pr.				498) α Virginis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	13h 14m		−22° 44′		13h 15m		−36° 16′		13h 20m		+55° 20′		13h 20m		−10° 44′	
	s		"		s		"		s		"		s		"	
Jan. 0.8	28.528	358	21.76	192	59.785	396	44.40	171	37.984	479	47.98	165	53.092	339	5.53	200
10.7	28.886	349	23.68	206	60.181	387	46.11	200	38.463	481	46.33	106	53.431	333	7.53	202
20.7	29.235	331	25.74	213	60.568	367	48.11	221	38.944	466	45.27	42	53.764	317	9.55	195
30.7	29.566	305	27.87	215	60.935	337	50.32	237	39.410	436	44.85	20	54.081	293	11.50	185
Feb. 9.7	29.871	272	30.02	210	61.272	303	52.69	245	39.846	392	45.05	81	54.374	264	13.35	168
19.6	30.143	237	32.12	200	61.575	263	55.14	247	40.238	339	45.86	138	54.638	230	15.03	149
März 1.6	30.380	199	34.12	186	61.838	222	57.61	244	40.577	277	47.24	186	54.868	195	16.52	127
11.6	30.579	160	35.98	170	62.060	179	60.05	235	40.854	210	49.10	227	55.063	158	17.79	104
21.6	30.739	124	37.68	152	62.239	138	62.40	223	41.064	141	51.37	256	55.221	122	18.83	81
31.5	30.863	89	39.20	132	62.377	99	64.63	207	41.205	74	53.93	275	55.343	90	19.64	59
Apr. 10.5	30.952	56	40.52	111	62.476	62	66.70	189	41.279	9	56.68	282	55.433	58	20.23	39
20.5	31.008	26	41.63	92	62.538	27	68.59	168	41.288	50	59.50	280	55.491	30	20.62	20
30.4	31.034	2	42.55	70	62.565	6	70.27	144	41.238	105	62.30	266	55.521	4	20.82	4
Mai 10.4	31.032	26	43.25	51	62.559	34	71.71	120	41.133	152	64.96	243	55.525	20	20.86	11
20.4	31.006	48	43.76	31	62.525	62	72.91	93	40.981	193	67.39	214	55.505	41	20.75	24
30.4	30.958	69	44.07	11	62.463	87	73.84	65	40.788	225	69.53	177	55.464	59	20.51	34
Juni 9.3	30.889	86	44.18	9	62.376	108	74.49	36	40.563	252	71.30	136	55.405	77	20.17	44
19.3	30.803	102	44.09	28	62.268	127	74.85	7	40.311	271	72.66	91	55.328	91	19.73	52
29.3	30.701	114	43.81	45	62.141	143	74.92	23	40.040	283	73.57	43	55.237	103	19.21	59
Juli 9.3	30.587	122	43.36	63	61.998	152	74.69	51	39.757	287	74.00	5	55.134	112	18.62	64
19.2	30.465	127	42.73	78	61.846	157	74.18	80	39.470	285	73.95	52	55.022	116	17.98	68
29.2	30.338	126	41.95	91	61.689	157	73.38	106	39.185	276	73.43	101	54.906	117	17.30	69
Aug. 8.2	30.212	119	41.04	101	61.532	148	72.32	127	38.909	258	72.42	146	54.789	112	16.61	69
18.1	30.093	107	40.03	107	61.384	133	71.05	146	38.651	233	70.96	189	54.677	101	15.92	64
28.1	29.986	86	38.96	110	61.251	108	69.59	158	38.418	201	69.07	229	54.576	83	15.28	57
Sept. 7.1	29.900	59	37.86	106	61.143	75	68.01	165	38.217	160	66.78	266	54.493	60	14.71	47
17.1	29.841	24	36.80	97	61.068	36	66.36	163	38.057	112	64.12	296	54.433	28	14.24	32
27.0	29.817	16	35.83	84	61.032	12	64.73	156	37.945	55	61.16	323	54.405	9	13.92	14
Okt. 7.0	29.833	62	34.99	63	61.044	65	63.17	140	37.890	7	57.93	342	54.414	51	13.78	9
17.0	29.895	111	34.36	37	61.109	121	61.77	117	37.897	74	54.51	356	54.465	97	13.87	34
27.0	30.006	161	33.99	9	61.230	178	60.60	86	37.971	145	50.95	360	54.562	144	14.21	61
Nov. 5.9	30.167	211	33.90	25	61.408	233	59.74	51	38.116	215	47.35	357	54.706	191	14.82	90
15.9	30.378	256	34.15	59	61.641	284	59.23	12	38.331	284	43.78	344	54.897	234	15.72	118
25.9	30.634	294	34.74	93	61.925	328	59.11	31	38.615	346	40.34	321	55.131	273	16.90	144
Dez. 5.8	30.928	325	35.67	125	62.253	360	59.42	72	38.961	399	37.13	289	55.404	303	18.34	165
15.8	31.253	344	36.92	154	62.613	383	60.14	113	39.360	441	34.24	247	55.707	324	19.99	183
25.8	31.597	355	38.46	178	62.996	392	61.27	149	39.801	468	31.77	198	56.031	335	21.82	195
35.8	31.952		40.24		63.388		62.76		40.269		29.79		56.366		23.77	
Mittl. Ort	27.617		21.66		58.865		48.59		37.614		71.79		52.240		1.35	
sec δ, tg δ	1.084		−0.419		1.240		−0.734		1.759		+1.447		1.018		−0.190	

Mittlere Zeit Greenw.	499) Gr. 2001 AR.		499) Dekl.		500) 69 H. Urs. maj. AR.		500) Dekl.		501) ζ Virginis AR.		501) Dekl.		502) 17 H. Can. ven. AR.		502) Dekl.	
1918	$13^h 23^m$		+72° 48′		$13^h 25^m$		+60° 21′		$13^h 30^m$		−0° 10′		$13^h 31^m$		+37° 35′	
Jan. 0.8	62.04	81	35.39	134	26.84	53	43.96	161	31.576	331	45.41	205	8.737	376	47.96	199
10.8	62.85	82	34.05	68	27.37	54	42.35	99	31.907	327	47.46	196	9.113	377	45.97	152
20.7	63.67	81	33.37	2	27.91	52	41.36	34	32.234	314	49.42	178	9.490	365	44.45	100
30.7	64.48	76	33.35	— 66	28.43	48	41.02	— 30	32.548	293	51.20	156	9.855	343	43.45	44
Feb. 9.7	65.24	69	34.01	127	28.91	45	41.32	92	32.841	265	52.76	130	10.198	311	43.01	— 10
19.6	65.93	59	35.28	185	29.36	38	42.24	150	33.106	233	54.06	102	10.509	272	43.11	63
März 1.6	66.52	48	37.13	232	29.74	32	43.74	199	33.339	198	55.08	72	10.781	228	43.74	110
11.6	67.00	36	39.45	271	30.06	24	45.73	240	33.537	162	55.80	44	11.009	182	44.84	152
21.6	67.36	22	42.16	297	30.30	16	48.13	270	33.699	128	56.24	17	11.191	134	46.36	186
31.5	67.58	9	45.13	311	30.46	8	50.83	289	33.827	94	56.41	— 6	11.325	88	48.22	210
Apr. 10.5	67.67	— 5	48.24	312	30.54	1	53.72	295	33.921	63	56.35	27	11.413	44	50.32	225
20.5	67.62	17	51.36	303	30.55	— 7	56.67	291	33.984	35	56.08	43	11.457	4	52.57	231
30.5	67.45	28	54.39	283	30.48	13	59.58	277	34.019	8	55.65	56	11.461	— 33	54.88	227
Mai 10.4	67.17	38	57.22	253	30.35	18	62.35	252	34.027	— 16	55.09	66	11.428	66	57.15	217
20.4	66.79	47	59.75	216	30.17	24	64.87	221	34.011	37	54.43	71	11.362	95	59.32	198
30.4	66.32	54	61.91	172	29.93	27	67.08	182	33.974	57	53.72	75	11.267	119	61.30	173
Juni 9.3	65.78	59	63.63	122	29.66	31	68.90	138	33.917	74	52.97	74	11.148	140	63.03	145
19.3	65.19	63	64.85	72	29.35	33	70.28	92	33.843	89	52.23	74	11.008	157	64.48	110
29.3	64.56	64	65.57	17	29.02	34	71.20	42	33.754	102	51.49	70	10.851	169	65.58	75
Juli 9.3	63.92	66	65.74	— 37	28.68	34	71.62	— 8	33.652	111	50.79	64	10.682	176	66.33	37
19.2	63.26	64	65.37	89	28.34	35	71.54	59	33.541	116	50.15	57	10.506	180	66.70	— 3
29.2	62.62	62	64.48	141	27.99	34	70.95	108	33.425	119	49.58	49	10.326	178	66.67	41
Aug. 8.2	62.00	58	63.07	189	27.65	32	69.87	156	33.306	114	49.09	38	10.148	170	66.26	81
18.2	61.42	53	61.18	234	27.33	28	68.31	200	33.192	106	48.71	25	9.978	156	65.45	119
28.1	60.89	45	58.84	274	27.05	25	66.31	240	33.086	90	48.46	11	9.822	136	64.26	155
Sept. 7.1	60.44	38	56.10	309	26.80	21	63.91	278	32.996	67	48.35	— 7	9.686	108	62.71	190
17.1	60.06	29	53.01	339	26.59	14	61.13	308	32.929	39	48.42	26	9.578	74	60.81	222
27.0	59.77	18	49.62	360	26.45	9	58.05	335	32.890	4	48.68	49	9.504	34	58.59	251
Okt. 7.0	59.59	6	46.02	376	26.36	1	54.70	354	32.886	— 37	49.17	71	9.470	— 14	56.08	276
17.0	59.53	— 6	42.26	384	26.35	— 6	51.16	367	32.923	82	49.88	97	9.484	65	53.32	296
27.0	59.59	18	38.42	381	26.41	14	47.49	370	33.005	128	50.85	122	9.549	119	50.36	310
Nov. 5.9	59.77	31	34.61	370	26.55	22	43.79	365	33.133	174	52.07	146	9.668	174	47.26	317
15.9	60.08	43	30.91	349	26.77	30	40.14	350	33.307	219	53.53	168	9.842	226	44.09	316
25.9	60.51	55	27.42	318	27.07	37	36.64	325	33.526	257	55.21	186	10.068	275	40.93	307
Dez. 5.9	61.06	65	24.24	278	27.44	43	33.39	291	33.783	289	57.07	199	10.343	315	37.86	288
15.8	61.71	73	21.46	228	27.87	49	30.48	247	34.072	312	59.06	207	10.658	347	34.98	260
25.8	62.44	78	19.18	171	28.36	51	28.01	195	34.384	325	61.13	207	11.005	367	32.38	224
35.8	63.22		17.47		28.87		26.06		34.709		63.20		11.372		30.14	
Mittl. Ort	62.50		61.39		26.66		68.48		30.808		37.66		8.211		67.59	
sec δ, tg δ	3.385		+3.234		2.023		+1.758		1.000		—0.003		1.262		+0.770	

Mittlere Zeit Greenw.	504) ε Centauri				507) τ Bootis				509) η Ursae majoris				510) 89 Virginis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$13^h 34^m$		$-53° 2'$		$13^h 43^m$		$+17° 51'$		$13^h 44^m$		$+49° 42'$		$13^h 45^m$		$-17° 43'$	
	s		"		s		"		s		"		s		"	
Jan. 0.8	41.698	502	51.51	116	22.528	334	40.18	213	18.910	426	57.54	197	25.511	347	35.76	180
10.8	42.200	496	52.67	160	22.862	334	38.05	185	19.336	432	55.57	143	25.858	345	37.56	189
20.7	42.696	476	54.27	198	23.196	324	36.20	150	19.768	426	54.14	82	26.203	333	39.45	192
30.7	43.172	445	56.25	230	23.520	305	34.70	109	20.194	404	53.32	21	26.536	312	41.37	189
Feb. 9.7	43.617	405	58.55	255	23.825	279	33.61	68	20.598	372	53.11	41	26.848	287	43.26	181
19.7	44.022	359	61.10	273	24.104	248	32.93	26	20.970	328	53.52	99	27.135	255	45.07	168
März 1.6	44.381	310	63.83	284	24.352	212	32.67	16	21.298	278	54.51	151	27.390	222	46.75	152
11.6	44.691	257	66.67	289	24.564	175	32.83	53	21.576	223	56.02	195	27.612	187	48.27	135
21.6	44.948	205	69.56	288	24.739	138	33.36	85	21.799	165	57.97	231	27.799	152	49.62	115
31.5	45.153	153	72.44	281	24.877	101	34.21	113	21.964	108	60.28	257	27.951	119	50.77	96
Apr. 10.5	45.306	102	75.25	269	24.978	68	35.34	132	22.072	52	62.85	270	28.070	87	51.73	77
20.5	45.408	53	77.94	253	25.046	35	36.66	146	22.124	1	65.55	275	28.157	58	52.50	58
30.5	45.461	7	80.47	231	25.081	6	38.12	152	22.123	51	68.30	268	28.215	28	53.08	42
Mai 10.4	45.468	38	82.78	206	25.087	21	39.64	153	22.072	94	70.98	254	28.243	4	53.50	25
20.4	45.430	80	84.84	177	25.066	45	41.17	148	21.978	133	73.52	229	28.247	22	53.75	10
30.4	45.350	119	86.61	143	25.021	67	42.65	139	21.845	166	75.81	198	28.225	45	53.85	4
Juni 9.4	45.231	154	88.04	108	24.954	85	44.04	124	21.679	196	77.79	162	28.180	66	53.81	19
19.3	45.077	186	89.12	69	24.869	103	45.28	106	21.483	217	79.41	123	28.114	86	53.62	31
29.3	44.891	211	89.81	29	24.766	117	46.34	87	21.266	234	80.64	79	28.028	102	53.31	43
Juli 9.3	44.680	230	90.10	13	24.649	127	47.21	64	21.032	245	81.43	33	27.926	115	52.88	55
19.2	44.450	241	89.97	53	24.522	134	47.85	40	20.787	250	81.76	13	27.811	125	52.33	64
29.2	44.209	243	89.44	93	24.388	137	48.25	14	20.537	249	81.63	60	27.686	129	51.69	72
Aug. 8.2	43.966	234	88.51	130	24.251	133	48.39	11	20.288	239	81.03	105	27.557	128	50.97	78
18.2	43.732	215	87.21	163	24.118	126	48.28	39	20.049	223	79.98	149	27.429	121	50.19	82
28.1	43.517	183	85.58	191	23.992	110	47.89	66	19.826	199	78.49	190	27.308	105	49.37	81
Sept. 7.1	43.334	142	83.67	211	23.882	90	47.23	94	19.627	167	76.59	229	27.203	83	48.56	76
17.1	43.192	88	81.56	224	23.792	61	46.29	121	19.460	127	74.30	263	27.120	52	47.80	68
27.1	43.104	25	79.32	229	23.731	26	45.08	149	19.333	80	71.67	294	27.068	15	47.12	54
Okt. 7.0	43.079	45	77.03	222	23.705	14	43.59	175	19.253	24	68.73	319	27.053	27	46.58	36
17.0	43.124	120	74.81	207	23.719	59	41.84	199	19.229	36	65.54	337	27.080	76	46.22	14
27.0	43.244	196	72.74	183	23.778	107	39.85	220	19.265	99	62.17	349	27.156	125	46.08	12
Nov. 5.9	43.440	271	70.91	149	23.885	156	37.65	238	19.364	166	58.68	352	27.281	176	46.20	41
15.9	43.711	338	69.42	109	24.041	202	35.27	250	19.530	229	55.16	347	27.457	222	46.61	71
25.9	44.049	397	68.33	63	24.243	245	32.77	256	19.759	288	51.69	331	27.679	265	47.32	99
Dez. 5.9	44.446	444	67.70	14	24.488	280	30.21	253	20.047	341	48.38	306	27.944	299	48.31	127
15.8	44.890	477	67.56	36	24.768	308	27.68	245	20.388	382	45.32	271	28.243	324	49.58	151
25.8	45.367	494	67.92	85	25.076	325	25.23	227	20.770	412	42.61	227	28.567	339	51.09	169
35.8	45.861		68.77		25.401		22.96		21.182		40.34		28.906		52.78	
Mittl. Ort	40.907		60.13		21.926		53.77		18.700		79.58		24.778		34.16	
sec δ, tg δ	1.664		−1.329		1.051		+0.322		1.547		+1.180		1.050		−0.320	

Mittlere Zeit Greenw.	512) ζ Centauri				513) η Bootis				517) 11 Bootis				516) τ Virginis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$13^h\,50^m$		−46° 53′		$13^h\,50^m$		+18° 47′		$13^h\,57^m$		+27° 46′		$13^h\,57^m$		+1° 56′	
Jan. 0.8	$25^s.625$	452	$0''.04$	112	$47^s.369$	334	$76''.06$	218	$27^s.863$	343	$39''.45$	221	$28^s.930$	326	$18''.67$	205
10.8	26.077	451	1.16	150	47.703	335	73.88	188	28.206	348	37.24	183	29.256	328	16.62	193
20.8	26.528	437	2.66	184	48.038	327	72.00	152	28.554	342	35.41	139	29.584	320	14.69	174
30.7	26.965	412	4.50	211	48.365	310	70.48	111	28.896	325	34.02	90	29.904	303	12.95	150
Feb. 9.7	27.377	379	6.61	232	48.675	284	69.37	68	29.221	301	33.12	41	30.207	280	11.45	122
19.7	27.756	341	8.93	247	48.959	254	68.69	25	29.522	270	32.71	9	30.487	251	10.23	92
März 1.6	28.097	299	11.40	256	49.213	220	68.44	17	29.792	234	32.80	56	30.738	220	9.31	61
11.6	28.396	254	13.96	258	49.433	183	68.61	56	30.026	196	33.36	99	30.958	187	8.70	31
21.6	28.650	208	16.54	256	49.616	146	69.17	89	30.222	156	34.35	135	31.145	153	8.39	2
31.6	28.858	164	19.10	248	49.762	110	70.06	117	30.378	117	35.70	164	31.298	120	8.37	23
Apr. 10.5	29.022	120	21.58	238	49.872	76	71.23	137	30.495	79	37.34	185	31.418	90	8.60	44
20.5	29.142	77	23.96	222	49.948	42	72.60	151	30.574	43	39.19	197	31.508	60	9.04	61
30.5	29.219	35	26.18	203	49.990	13	74.11	159	30.617	9	41.16	202	31.568	32	9.65	73
Mai 10.5	29.254	4	28.21	181	50.003	15	75.70	159	30.626	21	43.18	199	31.600	7	10.38	82
20.4	29.250	42	30.02	155	49.988	39	77.29	154	30.605	50	45.17	189	31.607	18	11.20	87
30.4	29.208	79	31.57	127	49.949	63	78.83	143	30.555	75	47.06	173	31.589	41	12.07	88
Juni 9.4	29.129	112	32.84	96	49.886	83	80.26	129	30.480	98	48.79	153	31.548	61	12.95	86
19.3	29.017	142	33.80	62	49.803	101	81.55	111	30.382	117	50.32	127	31.487	80	13.81	82
29.3	28.875	167	34.42	27	49.702	117	82.66	90	30.265	134	51.59	99	31.407	96	14.63	77
Juli 9.3	28.708	188	34.69	9	49.585	127	83.56	67	30.131	147	52.58	69	31.311	110	15.40	68
19.3	28.520	202	34.60	45	49.458	136	84.23	41	29.984	155	53.27	36	31.201	120	16.08	58
29.2	28.318	208	34.15	79	49.322	140	84.64	16	29.829	160	53.63	2	31.081	126	16.66	48
Aug. 8.2	28.110	205	33.36	112	49.182	138	84.80	12	29.669	158	53.65	31	30.955	126	17.14	34
18.2	27.905	193	32.24	142	49.044	130	84.68	40	29.511	150	53.34	66	30.829	121	17.48	20
28.1	27.712	169	30.82	166	48.914	117	84.28	68	29.361	137	52.68	100	30.708	109	17.68	3
Sept. 7.1	27.543	136	29.16	185	48.797	96	83.60	97	29.224	115	51.68	133	30.599	89	17.71	14
17.1	27.407	91	27.31	196	48.701	68	82.63	125	29.109	86	50.35	165	30.510	63	17.57	35
27.1	27.316	38	25.35	200	48.633	34	81.38	152	29.023	51	48.70	195	30.447	30	17.22	58
Okt. 7.0	27.278	22	23.35	194	48.599	6	79.86	180	28.972	9	46.75	223	30.417	10	16.64	80
17.0	27.300	89	21.41	181	48.605	52	78.06	204	28.963	38	44.52	247	30.427	53	15.84	105
27.0	27.389	158	19.60	158	48.657	99	76.02	225	29.001	88	42.05	268	30.480	101	14.79	129
Nov. 6.0	27.547	225	18.02	127	48.756	149	73.77	243	29.089	140	39.37	281	30.581	149	13.50	153
15.9	27.772	288	16.75	91	48.905	196	71.34	255	29.229	191	36.56	290	30.730	195	11.97	173
25.9	28.060	344	15.84	50	49.101	239	68.79	260	29.420	237	33.66	290	30.925	237	10.24	190
Dez. 5.9	28.404	389	15.34	4	49.340	277	66.19	259	29.657	278	30.76	282	31.162	272	8.34	202
15.8	28.793	424	15.30	40	49.617	305	63.60	249	29.935	310	27.94	265	31.434	300	6.32	208
25.8	29.217	442	15.70	84	49.922	324	61.11	232	30.245	332	25.29	240	31.734	317	4.24	208
35.8	29.659		16.54		50.246		58.79		30.577		22.89		32.051		2.16	
Mittl. Ort	24.921		7.10		46.822		89.76		27.439		55.65		28.324		26.74	
sec δ, tg δ	1.463		−1.068		1.056		+0.341		1.130		+0.527		1.001		+0.034	

Mittlere Zeit Greenw.	518) β Centauri				520) ϑ Centauri				521) α Draconis				522) *d* Bootis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$13^h\,58^m$		$-59^\circ\,58'$		$14^h\,1^m$		$-35^\circ\,57'$		$14^h\,2^m$		$+64^\circ\,45'$		$14^h\,6^m$		$+25^\circ\,28'$	
	s		″		s		″		s		″		s		″	
Jan. 0.8	1.998	583	31.48	67	51.675	393	57.78	129	9.48	57	39.17	195	39.975	336	31.18	225
10.8	2.581	585	32.15	116	52.068	394	59.07	157	10.05	59	37.22	134	40.311	343	28.93	190
20.8	3.166	570	33.31	160	52.462	383	60.64	180	10.64	59	35.88	69	40.654	338	27.03	148
30.7	3.736	543	34.91	199	52.845	364	62.44	198	11.23	58	35.19	2	40.992	324	25.55	101
Feb. 9.7	4.279	502	36.90	232	53.209	338	64.42	208	11.81	54	35.17	65	41.316	301	24.54	53
19.7	4.781	456	39.22	259	53.547	305	66.50	214	12.35	48	35.82	126	41.617	272	24.01	4
März 1.7	5.237	402	41.81	278	53.852	270	68.64	215	12.83	41	37.08	183	41.889	239	23.97	42
11.6	5.639	344	44.59	291	54.122	233	70.79	211	13.24	34	38.91	230	42.128	201	24.39	85
21.6	5.983	285	47.50	297	54.355	194	72.90	203	13.58	25	41.21	267	42.329	164	25.24	122
31.6	6.268	223	50.47	298	54.549	157	74.93	193	13.83	17	43.88	294	42.493	127	26.46	152
Apr. 10.5	6.491	163	53.45	292	54.706	121	76.86	180	14.00	7	46.82	307	42.620	89	27.98	174
20.5	6.654	103	56.37	282	54.827	84	78.66	164	14.07	1	49.89	310	42.709	55	29.72	189
30.5	6.757	43	59.19	264	54.911	50	80.30	146	14.06	10	52.99	302	42.764	21	31.61	195
Mai 10.5	6.800	15	61.83	244	54.961	17	81.76	127	13.96	16	56.01	283	42.785	9	33.56	194
20.4	6.785	71	64.27	216	54.978	15	83.03	106	13.80	24	58.84	255	42.776	38	35.50	187
30.4	6.714	124	66.43	186	54.963	47	84.09	84	13.56	29	61.39	221	42.738	64	37.37	173
Juni 9.4	6.590	173	68.29	150	54.916	75	84.93	59	13.27	35	63.60	178	42.674	87	39.10	154
19.4	6.417	218	69.79	112	54.841	101	85.52	34	12.92	38	65.38	134	42.587	108	40.64	131
29.3	6.199	255	70.91	69	54.740	126	85.86	7	12.54	41	66.72	83	42.479	126	41.95	104
Juli 9.3	5.944	284	71.60	26	54.614	144	85.93	19	12.13	43	67.55	32	42.353	141	42.99	76
19.3	5.660	305	71.86	19	54.470	160	85.74	45	11.70	44	67.87	20	42.212	151	43.75	45
29.2	5.355	314	71.67	65	54.310	167	85.29	71	11.26	44	67.67	72	42.061	156	44.20	13
Aug. 8.2	5.041	309	71.02	107	54.143	168	84.58	94	10.82	43	66.95	123	41.905	157	44.33	19
18.2	4.732	292	69.95	147	53.975	161	83.64	114	10.39	40	65.72	170	41.748	152	44.14	53
28.2	4.440	260	68.48	182	53.814	145	82.50	131	9.99	37	64.02	216	41.596	138	43.61	86
Sept. 7.1	4.180	214	66.66	212	53.669	119	81.19	143	9.62	33	61.86	258	41.458	120	42.75	118
17.1	3.966	153	64.54	233	53.550	84	79.76	148	9.29	26	59.28	294	41.338	92	41.57	151
27.1	3.813	81	62.21	245	53.466	41	78.28	146	9.03	20	56.34	325	41.246	57	40.06	180
Okt. 7.1	3.732	2	59.76	249	53.425	10	76.82	139	8.83	12	53.09	351	41.189	17	38.26	209
17.0	3.734	90	57.27	241	53.435	66	75.43	122	8.71	4	49.58	367	41.172	29	36.17	234
27.0	3.824	182	54.86	223	53.501	125	74.21	101	8.67	6	45.91	377	41.201	79	33.83	255
Nov. 6.0	4.006	273	52.63	196	53.626	184	73.20	72	8.73	15	42.14	378	41.280	130	31.28	272
15.9	4.279	356	50.67	160	53.810	240	72.48	39	8.88	25	38.36	368	41.410	181	28.56	282
25.9	4.635	432	49.07	117	54.050	290	72.09	2	9.13	34	34.68	348	41.591	227	25.74	284
Dez. 5.9	5.067	494	47.90	69	54.340	331	72.07	35	9.47	41	31.20	319	41.818	268	22.90	279
15.9	5.561	540	47.21	17	54.671	363	72.42	72	9.88	49	28.01	278	42.086	302	20.11	265
25.8	6.101	569	47.04	34	55.034	382	73.14	107	10.37	54	25.23	229	42.388	324	17.46	242
35.8	6.670		47.38		55.416		74.21		10.91		22.94		42.712		15.04	
Mittl. Ort	1.430		41.36		51.017		61.88		10.10		62.92		39.592		46.44	
sec δ, tg δ	1.999		−1.730		1.236		−0.726		2.346		+2.122		1.108		+0.477	

Mittlere Zeit Greenw.	523) κ Virginis				524) 4 Ursae minoris				525) ι Virginis				526) α Bootis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$14^h\ 8^m$		$-9°\ 53'$		$14^h\ 9^m$		$+77°\ 55'$		$14^h\ 11^m$		$-5°\ 36'$		$14^h\ 11^m$		$+19°\ 36'$	
	s		"		s		"		s		"		s		"	
Jan. 0.8	31.731	332	37.45	183	6.01	102	33.77	179	43.282	328	40.80	192	55.647	326	18.24	229
10.8	32.063	334	39.28	183	7.03	108	31.98	116	43.610	330	42.72	187	55.973	332	15.95	200
20.8	32.397	328	41.11	179	8.11	110	30.82	50	43.940	325	44.59	178	56.305	327	13.95	163
30.7	32.725	312	42.90	167	9.21	109	30.32	19	44.265	309	46.37	163	56.632	315	12.32	122
Feb. 9.7	33.037	290	44.57	152	10.30	102	30.51	85	44.574	289	48.00	142	56.947	293	11.10	78
19.7	33.327	264	46.09	133	11.32	93	31.36	147	44.863	262	49.42	118	57.240	266	10.32	33
März 1.7	33.591	233	47.42	110	12.25	80	32.83	202	45.125	233	50.60	94	57.506	234	9.99	10
11.6	33.824	201	48.52	88	13.05	65	34.85	249	45.358	201	51.54	68	57.740	199	10.09	51
21.6	34.025	170	49.40	65	13.70	47	37.34	284	45.559	170	52.22	43	57.939	165	10.60	88
31.6	34.195	137	50.05	44	14.17	29	40.18	307	45.729	138	52.65	20	58.104	129	11.48	116
Apr. 10.5	34.332	107	50.49	25	14.46	11	43.25	320	45.867	107	52.85	1	58.233	94	12.64	140
20.5	34.439	77	50.74	6	14.57	8	46.45	319	45.974	78	52.84	18	58.327	62	14.04	156
30.5	34.516	49	50.80	8	14.49	26	49.64	308	46.052	50	52.66	33	58.389	30	15.60	164
Mai 10.5	34.565	23	50.72	20	14.23	42	52.72	286	46.102	23	52.33	43	58.419	2	17.24	167
20.4	34.588	4	50.52	32	13.81	58	55.58	255	46.125	2	51.90	52	58.421	26	18.91	162
30.4	34.584	27	50.20	39	13.23	69	58.13	218	46.123	27	51.38	58	58.395	52	20.53	152
Juni 9.4	34.557	51	49.81	47	12.54	81	60.31	172	46.096	49	50.80	61	58.343	76	22.05	139
19.4	34.506	72	49.34	51	11.73	89	62.03	124	46.047	71	50.19	63	58.267	96	23.44	119
29.3	34.434	92	48.83	56	10.84	96	63.27	71	45.976	90	49.56	64	58.171	115	24.63	99
Juli 9.3	34.342	107	48.27	59	9.88	99	63.98	18	45.886	107	48.92	62	58.056	130	25.62	74
19.3	34.235	120	47.68	60	8.89	100	64.16	36	45.779	119	48.30	59	57.926	141	26.36	48
29.2	34.115	128	47.08	61	7.89	101	63.80	89	45.660	127	47.71	55	57.785	149	26.84	21
Aug. 8.2	33.987	131	46.47	58	6.88	97	62.91	141	45.533	131	47.16	50	57.636	150	27.05	7
18.2	33.856	127	45.89	55	5.91	92	61.50	189	45.402	127	46.66	41	57.486	146	26.98	37
28.2	33.729	115	45.34	49	4.99	85	59.61	235	45.275	117	46.25	32	57.340	135	26.61	66
Sept. 7.1	33.614	98	44.85	39	4.14	74	57.26	274	45.158	100	45.93	19	57.205	117	25.95	96
17.1	33.516	70	44.46	27	3.40	64	54.52	311	45.058	73	45.74	3	57.088	91	24.99	126
27.1	33.446	38	44.19	10	2.76	50	51.41	339	44.985	41	45.71	14	56.997	58	23.73	155
Okt. 7.1	33.408	4	44.09	8	2.26	36	48.02	362	44.944	1	45.85	35	56.939	19	22.18	182
17.0	33.412	48	44.17	30	1.90	18	44.40	376	44.943	43	46.20	57	56.920	26	20.36	208
27.0	33.460	97	44.47	54	1.72	1	40.64	383	44.986	91	46.77	82	56.946	74	18.28	230
Nov. 6.0	33.557	146	45.01	80	1.71	17	36.81	379	45.077	140	47.59	106	57.020	124	15.98	250
15.9	33.703	194	45.81	105	1.88	36	33.02	367	45.217	187	48.65	130	57.144	174	13.48	262
25.9	33.897	237	46.86	129	2.24	54	29.35	343	45.404	231	49.95	151	57.318	219	10.86	269
Dez. 5.9	34.134	275	48.15	150	2.78	70	25.92	310	45.635	268	51.46	169	57.537	259	8.17	269
15.9	34.409	303	49.65	166	3.48	85	22.82	266	45.903	297	53.15	181	57.796	291	5.48	259
25.8	34.712	321	51.31	177	4.33	96	20.16	215	46.200	317	54.96	189	58.087	314	2.89	243
35.8	35.033		53.08		5.29		18.01		46.517		56.85		58.401		0.46	
Mittl. Ort	31.139		33.46		8.71		58.26		42.723		35.45		55.243		31.62	
sec δ, tg δ	1.015		—0.174		4.783		+4.678		1.005		—0.098		1.062		+0.356	

Mittlere Zeit Greenw.	527) λ Bootis AR.		Dekl.		531) ϑ Bootis AR.		Dekl.		534) ρ Bootis AR.		Dekl.		535) γ Bootis AR.		Dekl.	
1918	$14^h\ 13^m$		$+46°\ 27'$		$14^h\ 22^m$		$+52°\ 13'$		$14^h\ 28^m$		$+30°\ 43'$		$14^h\ 28^m$		$+38°\ 39'$	
Jan. 0.8	$16^s.044$	392	$31''.36$	226	$24^s.072$	418	$24''.56$	232	$17^s.949$	336	$34''.87$	238	$46^s.630$	355	$41''.10$	240
10.8	16.436	406	29.10	175	24.490	438	22.24	178	18.285	347	32.49	199	46.985	368	38.70	195
20.8	16.842	407	27.35	118	24.928	442	20.46	118	18.632	348	30.50	153	47.353	371	36.75	144
30.7	17.249	393	26.17	57	25.370	433	19.28	55	18.980	339	28.97	103	47.724	362	35.31	88
Feb. 9.7	17.642	369	25.60	5	25.803	409	18.73	9	19.319	320	27.94	50	48.086	342	34.43	30
19.7	18.011	336	25.65	64	26.212	374	18.82	72	19.639	293	27.44	3	48.428	315	34.13	28
März 1.7	18.347	294	26.29	120	26.586	330	19.54	130	19.932	262	27.47	55	48.743	280	34.41	83
11.6	18.641	246	27.49	169	26.916	280	20.84	181	20.194	227	28.02	101	49.023	242	35.24	132
21.6	18.887	196	29.18	210	27.196	223	22.65	224	20.421	189	29.03	142	49.265	199	36.56	175
31.6	19.083	145	31.28	242	27.419	166	24.89	256	20.610	150	30.45	176	49.464	156	38.31	209
Apr. 10.6	19.228	93	33.70	262	27.585	107	27.45	278	20.760	112	32.21	200	49.620	113	40.40	234
20.5	19.321	43	36.32	274	27.692	50	30.23	290	20.872	74	34.21	218	49.733	70	42.74	249
30.5	19.364	4	39.06	273	27.742	6	33.13	289	20.946	37	36.39	224	49.803	28	45.23	256
Mai 10.5	19.360	48	41.79	265	27.736	57	36.02	280	20.983	4	38.63	225	49.831	10	47.79	251
20.4	19.312	88	44.44	247	27.679	104	38.82	262	20.987	29	40.88	216	49.821	46	50.30	240
30.4	19.224	124	46.91	222	27.575	148	41.44	234	20.958	59	43.04	201	49.775	81	52.70	221
Juni 9.4	19.100	157	49.13	190	27.427	185	43.78	202	20.899	86	45.05	181	49.694	110	54.91	196
19.4	18.943	184	51.03	155	27.242	219	45.80	163	20.813	112	46.86	155	49.584	139	56.87	164
29.3	18.759	207	52.58	113	27.023	245	47.43	120	20.701	134	48.41	125	49.445	162	58.51	130
Juli 9.3	18.552	224	53.71	71	26.778	266	48.63	74	20.567	152	49.66	93	49.283	181	59.81	92
19.3	18.328	236	54.42	25	26.512	280	49.37	27	20.415	167	50.59	58	49.102	196	60.73	52
29.3	18.092	241	54.67	19	26.232	288	49.64	22	20.248	176	51.17	21	48.906	205	61.25	10
Aug. 8.2	17.851	240	54.48	66	25.944	286	49.42	70	20.072	179	51.38	15	48.701	207	61.35	31
18.2	17.611	230	53.82	110	25.658	278	48.72	117	19.893	177	51.23	53	48.494	204	61.04	74
28.2	17.381	214	52.72	153	25.380	259	47.55	163	19.716	166	50.70	90	48.290	192	60.30	115
Sept. 7.1	17.167	188	51.19	194	25.121	232	45.92	205	19.550	149	49.80	126	48.098	172	59.15	154
17.1	16.979	154	49.25	232	24.889	195	43.87	245	19.401	123	48.54	161	47.926	144	57.61	193
27.1	16.825	112	46.93	265	24.694	150	41.42	280	19.278	89	46.93	195	47.782	108	55.68	227
Okt. 7.1	16.713	61	44.28	296	24.544	95	38.62	311	19.189	49	44.98	225	47.674	64	53.41	259
17.0	16.652	6	41.32	319	24.449	34	35.51	335	19.140	1	42.73	252	47.610	13	50.82	285
27.0	16.646	55	38.13	337	24.415	34	32.16	352	19.139	50	40.21	275	47.597	41	47.97	307
Nov. 6.0	16.701	119	34.76	346	24.449	103	28.64	362	19.189	103	37.46	291	47.638	99	44.90	321
16.0	16.820	182	31.30	347	24.552	174	25.02	361	19.292	157	34.55	302	47.737	157	41.69	328
25.9	17.002	242	27.83	338	24.726	241	21.41	352	19.449	208	31.53	303	47.894	212	38.41	327
Dez. 5.9	17.244	296	24.45	320	24.967	303	17.89	331	19.657	254	28.50	298	48.106	263	35.14	315
15.9	17.540	341	21.25	292	25.270	357	14.58	301	19.911	292	25.52	281	48.369	304	31.99	294
25.8	17.881	375	18.33	253	25.627	397	11.57	261	20.203	320	22.71	256	48.673	338	29.05	262
35.8	18.256		15.80		26.024		8.96		20.523		20.15		49.011		26.43	
Mittl. Ort	16.054		51.60		24.347		45.47		17.782		50.78		46.603		58.93	
sec δ, tg δ	1.452		+1.052		1.633		+1.291		1.163		+0.595		1.281		+0.800	

Mittlere Zeit Greenw.	537) η Centauri AR.		Dekl.		538) α Centauri*) AR.		Dekl.		543) ζ Bootis min. AR.		Dekl.		542) α Apodis AR.		Dekl.	
1918	14h 30m		−41° 47′		14h 34m		−60° 29′		14h 37m		+14° 4′		14h 37m		−78° 41′	
Jan. 0.8	18.074	414	48.67	81	2.09	57	36.56	25	14.244	314	34.69	223	35.56	130	41.77	44
10.8	18.488	422	49.48	114	2.66	59	36.81	72	14.558	324	32.46	200	36.86	135	41.33	12
20.8	18.910	418	50.62	144	3.25	58	37.53	117	14.882	325	30.46	170	38.21	137	41.45	68
30.8	19.328	404	52.06	167	3.83	56	38.70	158	15.207	315	28.76	134	39.58	133	42.13	121
Feb. 9.7	19.732	381	53.73	186	4.39	53	40.28	193	15.522	299	27.42	96	40.91	128	43.34	169
19.7	20.113	353	55.59	200	4.92	49	42.21	222	15.821	277	26.46	53	42.19	121	45.03	213
März 1.7	20.466	320	57.59	207	5.41	44	44.43	244	16.098	249	25.93	12	43.40	110	47.16	249
11.6	20.786	283	59.66	211	5.85	39	46.87	262	16.347	220	25.81	27	44.50	97	49.65	280
21.6	21.069	245	61.77	210	6.24	33	49.49	273	16.567	188	26.08	63	45.47	84	52.45	304
31.6	21.314	207	63.87	206	6.57	28	52.22	278	16.755	155	26.71	93	46.31	70	55.49	321
Apr. 10.6	21.521	169	65.93	198	6.85	21	55.00	278	16.910	124	27.64	119	47.01	54	58.70	331
20.5	21.690	129	67.91	188	7.06	14	57.78	272	17.034	92	28.83	137	47.55	37	62.01	334
30.5	21.819	90	69.79	174	7.20	9	60.50	260	17.126	62	30.20	149	47.92	21	65.35	329
Mai 10.5	21.909	52	71.53	158	7.29	3	63.10	245	17.188	32	31.69	155	48.13	5	68.64	318
20.5	21.961	14	73.11	140	7.32	4	65.55	223	17.220	4	33.24	155	48.18	13	71.82	301
30.4	21.975	23	74.51	118	7.28	9	67.78	197	17.224	23	34.79	150	48.05	28	74.83	275
Juni 9.4	21.952	59	75.69	95	7.19	15	69.75	167	17.201	49	36.29	141	47.77	44	77.58	243
19.4	21.893	94	76.64	69	7.04	20	71.42	133	17.152	74	37.70	126	47.33	58	80.01	206
29.3	21.799	125	77.33	41	6.84	25	72.75	94	17.078	95	38.96	110	46.75	70	82.07	161
Juli 9.3	21.674	152	77.74	13	6.59	29	73.69	53	16.983	115	40.06	90	46.05	80	83.68	115
19.3	21.522	173	77.87	18	6.30	31	74.22	10	16.868	131	40.96	69	45.25	88	84.83	62
29.3	21.349	188	77.69	47	5.99	34	74.32	34	16.737	142	41.65	46	44.37	93	85.45	9
Aug. 8.2	21.161	195	77.22	77	5.65	34	73.98	77	16.595	148	42.11	21	43.44	93	85.54	46
18.2	20.966	193	76.45	103	5.31	33	73.21	119	16.447	149	42.32	4	42.51	92	85.08	100
28.2	20.773	180	75.42	126	4.98	31	72.02	156	16.298	141	42.28	30	41.59	85	84.08	151
Sept. 7.2	20.593	157	74.16	146	4.67	26	70.46	190	16.157	127	41.98	58	40.74	75	82.57	197
17.1	20.436	122	72.70	159	4.41	22	68.56	217	16.030	104	41.40	85	39.99	62	80.60	237
27.1	20.314	79	71.11	166	4.19	14	66.39	235	15.926	75	40.55	112	39.37	45	78.23	268
Okt. 7.1	20.235	26	69.45	166	4.05	7	64.04	244	15.851	37	39.43	140	38.92	26	75.55	290
17.0	20.209	34	67.79	158	3.98	3	61.60	244	15.814	6	38.03	166	38.66	4	72.65	301
27.0	20.243	97	66.21	141	4.01	12	59.16	234	15.820	53	36.37	190	38.62	17	69.64	299
Nov. 6.0	20.340	163	64.80	119	4.13	21	56.82	213	15.873	102	34.47	211	38.79	41	66.65	287
16.0	20.503	225	63.61	90	4.34	31	54.69	184	15.975	152	32.36	229	39.20	62	63.78	262
25.9	20.728	283	62.71	55	4.65	38	52.85	147	16.127	199	30.07	240	39.82	82	61.16	228
Dez. 5.9	21.011	332	62.16	19	5.03	46	51.38	103	16.326	240	27.67	245	40.64	100	58.88	185
15.9	21.343	371	61.97	19	5.49	51	50.35	57	16.566	275	25.22	243	41.64	114	57.03	135
25.9	21.714	399	62.16	58	6.00	56	49.78	7	16.841	300	22.79	232	42.78	125	55.68	80
35.8	22.113		62.74		6.56		49.71		17.141		20.47		44.03		54.88	
Mittl. Ort	17.589		54.17		1.73		46.16		13.942		45.65		36.39		53.55	
sec δ, tg δ	1.341		−0.894		2.031		−1.767		1.031		+0.251		5.103		−5.004	

*) Ort des hellen Sterns; die jährliche Parallaxe (0.″75) ist bereits berücksichtigt.

Mittlere Zeit Greenw.	545) μ Virginis				547) 109 Virginis				548) α Librae				549) Gr. 2164			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	14h 38m		−5° 18′		14h 42m		+2° 13′		14h 46m		−15° 42′		14h 49m		+59° 37′	
Jan. 0.8	44.609 s	319	13.88″	184	6.470 s	313	68.23″	199	20.743 s	327	8.27″	150	20.447 s	453	15.81″	250
10.8	44.928	327	15.72	179	6.783	321	66.24	189	21.070	338	9.77	158	20.900	487	13.31	196
20.8	45.255	325	17.51	171	7.104	322	64.35	172	21.408	337	11.35	160	21.387	505	11.35	134
30.8	45.580	316	19.22	155	7.426	312	62.63	147	21.745	327	12.95	156	21.892	506	10.01	68
Feb. 9.7	45.896	299	20.77	135	7.738	297	61.16	120	22.072	313	14.51	148	22.398	490	9.33	2
19.7	46.195	277	22.12	112	8.035	276	59.96	89	22.385	290	15.99	134	22.888	459	9.31	64
März 1.7	46.472	252	23.24	86	8.311	250	59.07	58	22.675	265	17.33	120	23.347	415	9.95	127
11.6	46.724	222	24.10	60	8.561	222	58.49	25	22.940	238	18.53	101	23.762	361	11.22	182
21.6	46.946	194	24.70	35	8.783	192	58.24	4	23.178	208	19.54	84	24.123	298	13.04	230
31.6	47.140	163	25.05	12	8.975	162	58.28	31	23.386	179	20.38	66	24.421	231	15.34	267
Apr. 10.6	47.303	134	25.17	9	9.137	132	58.59	54	23.565	149	21.04	48	24.652	160	18.01	293
20.5	47.437	105	25.08	26	9.269	104	59.13	72	23.714	119	21.52	34	24.812	89	20.94	309
30.5	47.542	76	24.82	40	9.373	74	59.85	85	23.833	90	21.86	19	24.901	20	24.03	313
Mai 10.5	47.618	48	24.42	51	9.447	46	60.70	95	23.923	61	22.05	7	24.921	48	27.16	306
20.5	47.666	21	23.91	59	9.493	18	61.65	100	23.984	32	22.12	4	24.873	112	30.22	290
30.4	47.687	6	23.32	64	9.511	8	62.65	101	24.016	4	22.08	13	24.761	170	33.12	265
Juni 9.4	47.681	33	22.68	67	9.503	35	63.66	99	24.020	26	21.95	22	24.591	223	35.77	232
19.4	47.648	56	22.01	67	9.468	59	64.65	94	23.994	52	21.73	29	24.368	269	38.09	193
29.3	47.592	80	21.34	66	9.409	82	65.59	86	23.942	77	21.44	37	24.099	309	40.02	150
Juli 9.3	47.512	100	20.68	63	9.327	102	66.45	78	23.865	100	21.07	42	23.790	340	41.52	102
19.3	47.412	118	20.05	60	9.225	120	67.23	66	23.765	120	20.65	49	23.450	364	42.54	52
29.3	47.294	130	19.45	55	9.105	132	67.89	54	23.645	134	20.16	53	23.086	378	43.06	2
Aug. 8.2	47.164	137	18.90	48	8.973	140	68.43	40	23.511	143	19.63	57	22.708	383	43.08	49
18.2	47.027	138	18.42	40	8.833	141	68.83	25	23.368	146	19.06	59	22.325	378	42.59	100
28.2	46.889	131	18.02	30	8.692	135	69.08	8	23.222	139	18.47	59	21.947	361	41.59	149
Sept. 7.2	46.758	118	17.72	18	8.557	121	69.16	10	23.083	126	17.88	56	21.586	334	40.10	195
17.1	46.640	95	17.54	3	8.436	100	69.06	30	22.957	103	17.32	50	21.252	295	38.15	237
27.1	46.545	64	17.51	13	8.336	71	68.76	51	22.854	71	16.82	40	20.957	244	35.78	277
Okt. 7.1	46.481	27	17.64	33	8.265	34	68.25	74	22.783	33	16.42	27	20.713	184	33.01	311
17.0	46.454	16	17.97	54	8.231	9	67.51	98	22.750	12	16.15	9	20.529	114	29.90	338
27.0	46.470	64	18.51	78	8.240	56	66.53	121	22.762	62	16.06	10	20.415	37	26.52	358
Nov. 6.0	46.534	114	19.29	100	8.296	105	65.32	144	22.824	114	16.16	34	20.378	47	22.94	370
16.0	46.648	162	20.29	124	8.401	153	63.88	165	22.938	164	16.50	58	20.425	131	19.24	373
25.9	46.810	208	21.53	144	8.554	200	62.23	182	23.102	212	17.08	82	20.556	215	15.51	366
Dez. 5.9	47.018	249	22.97	161	8.754	240	60.41	195	23.314	255	17.90	106	20.771	294	11.85	347
15.9	47.267	281	24.58	174	8.994	273	58.46	202	23.569	288	18.96	125	21.065	363	8.38	318
25.9	47.548	306	26.32	181	9.267	299	56.44	201	23.857	314	20.21	141	21.428	422	5.20	278
35.8	47.854		28.13		9.566		54.43		24.171		21.62		21.850		2.42	
Mittl. Ort	44.190		8.84		6.107		75.52		20.324		6.48		21.395		36.32	
sec δ, tg δ	1.004		−0.093		1.001		+0.039		1.039		−0.281		1.978		+1.706	

Mittlere Zeit Greenw.	550) β Ursae minoris				551) P. XIV. 221				552) β Lupi				555) β Bootis			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1918	14h 50m		+74° 28′		14h 52m		+14° 46′		14h 53m		−42° 48′		14h 58m		+40° 42′	
Jan. 0.8	52.84s	75	64.48″	234	21.172s	308	26.13″	226	9.536s	410	10.99″	53	51.179s	341	31.18″	261
10.8	53.59	81	62.14	175	21.480	319	23.87	203	9.946	424	11.52	86	51.520	363	28.57	217
20.8	54.40	87	60.39	111	21.799	324	21.84	173	10.370	425	12.38	117	51.883	372	26.40	167
30.8	55.27	87	59.28	44	22.123	317	20.11	138	10.795	417	13.55	141	52.255	371	24.73	110
Feb. 9.7	56.14	85	58.84	—25	22.440	304	18.73	97	11.212	399	14.96	162	52.626	358	23.63	50
19.7	56.99	81	59.09	91	22.744	283	17.76	55	11.611	374	16.58	177	52.984	338	23.13	—10
März 1.7	57.80	73	60.00	153	23.027	259	17.21	13	11.985	345	18.35	188	53.322	308	23.23	68
11.7	58.53	62	61.53	208	23.286	231	17.08	—28	12.330	312	20.23	195	53.630	274	23.91	122
21.6	59.15	51	63.61	253	23.517	200	17.36	65	12.642	276	22.18	197	53.904	234	25.13	169
31.6	59.66	38	66.14	288	23.717	169	18.01	97	12.918	239	24.15	196	54.138	192	26.82	208
Apr. 10.6	60.04	24	69.02	312	23.886	138	18.98	124	13.157	201	26.11	192	54.330	149	28.90	239
20.5	60.28	10	72.14	323	24.024	107	20.22	143	13.358	162	28.03	185	54.479	106	31.29	259
30.5	60.38	—5	75.37	323	24.131	76	21.65	157	13.520	122	29.88	174	54.585	62	33.88	269
Mai 10.5	60.33	18	78.60	313	24.207	46	23.22	163	13.642	83	31.62	163	54.647	21	36.57	270
20.5	60.15	31	81.73	291	24.253	16	24.85	164	13.725	42	33.25	147	54.668	—21	39.27	262
30.4	59.84	42	84.64	263	24.269	—13	26.49	160	13.767	2	34.72	128	54.647	58	41.89	246
Juni 9.4	59.42	53	87.27	225	24.256	40	28.09	149	13.769	—38	36.00	108	54.589	95	44.35	223
19.4	58.89	61	89.52	183	24.216	66	29.58	136	13.731	76	37.08	85	54.494	128	46.58	193
29.4	58.28	68	91.35	135	24.150	91	30.94	119	13.655	111	37.93	59	54.366	158	48.51	160
Juli 9.3	57.60	74	92.70	85	24.059	112	32.13	98	13.544	144	38.52	31	54.208	183	50.11	121
19.3	56.86	78	93.55	32	23.947	130	33.11	77	13.400	171	38.83	2	54.025	204	51.32	81
29.3	56.08	80	93.87	—21	23.817	144	33.88	53	13.229	191	38.85	—27	53.821	219	52.13	38
Aug. 8.2	55.28	81	93.66	75	23.673	153	34.41	27	13.038	202	38.58	57	53.602	228	52.51	—6
18.2	54.47	78	92.91	125	23.520	156	34.68	1	12.836	206	38.01	85	53.374	228	52.45	49
28.2	53.69	75	91.66	174	23.364	150	34.69	—26	12.630	197	37.16	111	53.146	222	51.96	94
Sept. 7.2	52.94	69	89.92	221	23.214	138	34.43	54	12.433	178	36.05	133	52.924	207	51.02	135
17.1	52.25	62	87.71	263	23.076	117	33.89	82	12.255	147	34.72	150	52.717	182	49.67	177
27.1	51.63	52	85.08	300	22.959	89	33.07	111	12.108	107	33.22	161	52.535	148	47.90	215
Okt. 7.1	51.11	42	82.08	330	22.870	53	31.96	138	12.001	54	31.61	165	52.387	107	45.75	249
17.1	50.69	29	78.78	356	22.817	10	30.58	165	11.947	—4	29.96	161	52.280	57	43.26	280
27.0	50.40	16	75.22	371	22.807	—36	28.93	190	11.951	69	28.35	151	52.223	1	40.46	306
Nov. 6.0	50.24	1	71.51	380	22.843	87	27.03	212	12.020	135	26.84	132	52.222	—57	37.40	324
16.0	50.23	—15	67.71	377	22.930	137	24.91	229	12.155	200	25.52	107	52.279	118	34.16	334
25.9	50.38	29	63.94	366	23.067	184	22.62	242	12.355	262	24.45	77	52.397	177	30.82	336
Dez. 5.9	50.67	44	60.28	342	23.251	227	20.20	247	12.617	315	23.68	43	52.574	232	27.46	329
15.9	51.11	57	56.86	309	23.478	264	17.73	245	12.932	359	23.25	7	52.806	280	24.17	310
25.9	51.68	69	53.77	264	23.742	292	15.28	235	13.291	392	23.18	—29	53.086	319	21.07	282
35.8	52.37		51.13		24.034		12.93		13.683		23.47		53.405		18.25	
Mittl. Ort	55.76		86.27		20.961		36.80		9.180		16.51		51.433		47.93	
sec δ, tg δ	3.740		+3.604		1.034		+0.264		1.363		−0.926		1.319		+0.861	

Mittlere Zeit Greenw.	556) γ Scorpii AR.		556) γ Scorpii Dekl.		557) ψ Bootis AR.		557) ψ Bootis Dekl.		558) ζ Lupi AR.		558) ζ Lupi Dekl.		560) γ Triang. austr. AR.		560) γ Triang. austr. Dekl.	
1918	14h 59m		−24° 57′		15h 0m		+27° 15′		15h 6m		−51° 47′		15h 11m		−68° 22′	
Jan. 0.9	16.355	342	37.24	111	55.911	312	46.38	249	23.239	465	9.85	4	13.74	71	30.57	61
10.8	16.697	353	38.35	128	56.223	329	43.89	216	23.704	484	9.89	45	14.45	75	29.96	12
20.8	17.050	355	39.63	139	56.552	336	41.73	175	24.188	490	10.34	81	15.20	78	29.84	38
30.8	17.405	348	41.02	147	56.888	333	39.98	128	24.678	485	11.15	116	15.98	76	30.22	83
Feb. 9.7	17.753	334	42.49	148	57.221	321	38.70	77	25.163	469	12.31	145	16.74	75	31.05	128
19.7	18.087	314	43.97	146	57.542	302	37.93	25	25.632	445	13.76	170	17.49	71	32.33	166
März 1.7	18.401	290	45.43	140	57.844	277	37.68	25	26.077	413	15.46	190	18.20	67	33.99	200
11.7	18.691	262	46.83	131	58.121	247	37.93	75	26.490	378	17.36	205	18.87	62	35.99	229
21.6	18.953	233	48.14	119	58.368	215	38.68	118	26.868	338	19.41	216	19.49	55	38.28	252
31.6	19.186	204	49.33	109	58.583	181	39.86	154	27.206	296	21.57	222	20.04	47	40.80	269
Apr. 10.6	19.390	173	50.42	96	58.764	146	41.40	185	27.502	252	23.79	224	20.51	41	43.49	281
20.6	19.563	142	51.38	83	58.910	110	43.25	205	27.754	205	26.03	223	20.92	32	46.30	287
30.5	19.705	111	52.21	71	59.020	75	45.30	218	27.959	158	28.26	217	21.24	24	49.17	286
Mai 10.5	19.816	79	52.92	60	59.095	42	47.48	223	28.117	109	30.43	208	21.48	14	52.03	281
20.5	19.895	48	53.52	47	59.137	7	49.71	220	28.226	59	32.51	194	21.62	7	54.84	269
30.4	19.943	15	53.99	35	59.144	25	51.91	210	28.285	9	34.45	176	21.69	3	57.53	251
Juni 9.4	19.958	16	54.34	23	59.119	55	54.01	194	28.294	41	36.21	154	21.66	11	60.04	226
19.4	19.942	47	54.57	11	59.064	85	55.95	172	28.253	89	37.75	129	21.55	20	62.30	197
29.4	19.895	76	54.68	3	58.979	111	57.67	146	28.164	134	39.04	100	21.35	28	64.27	162
Juli 9.3	19.819	103	54.65	16	58.868	135	59.13	118	28.030	175	40.04	68	21.07	34	65.89	122
19.3	19.716	125	54.49	30	58.733	155	60.31	85	27.855	210	40.72	34	20.73	40	67.11	79
29.3	19.591	144	54.19	43	58.578	170	61.16	51	27.645	236	41.06	3	20.33	44	67.90	31
Aug. 8.3	19.447	155	53.76	55	58.408	179	61.67	17	27.409	252	41.03	39	19.89	47	68.21	17
18.2	19.292	160	53.21	67	58.229	182	61.84	20	27.157	258	40.64	76	19.42	47	68.04	65
28.2	19.132	155	52.54	76	58.047	178	61.64	56	26.899	251	39.88	110	18.95	46	67.39	113
Sept. 7.2	18.977	142	51.78	82	57.869	164	61.08	93	26.648	230	38.78	140	18.49	42	66.26	156
17.1	18.835	120	50.96	84	57.705	146	60.15	127	26.418	196	37.38	167	18.07	37	64.70	195
27.1	18.715	87	50.12	82	57.559	116	58.88	162	26.222	148	35.71	185	17.70	29	62.75	227
Okt. 7.1	18.628	46	49.30	76	57.443	78	57.26	194	26.074	91	33.86	199	17.41	19	60.48	251
17.1	18.582	1	48.54	65	57.365	34	55.32	224	25.983	21	31.87	202	17.22	8	57.97	265
27.0	18.583	53	47.89	48	57.331	15	53.08	250	25.962	52	29.85	198	17.14	4	55.32	268
Nov. 6.0	18.636	108	47.41	27	57.346	67	50.58	271	26.014	131	27.87	184	17.18	16	52.64	261
16.0	18.744	163	47.14	4	57.413	121	47.87	286	26.145	208	26.03	163	17.34	29	50.03	244
26.0	18.907	213	47.10	22	57.534	173	45.01	293	26.353	280	24.40	134	17.63	41	47.59	216
Dez. 5.9	19.120	259	47.32	49	57.707	220	42.08	293	26.633	345	23.06	100	18.04	51	45.43	181
15.9	19.379	297	47.81	74	57.927	261	39.15	283	26.978	399	22.06	62	18.55	60	43.62	140
25.9	19.676	325	48.55	97	58.188	294	36.32	264	27.377	440	21.44	22	19.15	68	42.22	92
35.8	20.001		49.52		58.482		33.68		27.817		21.22		19.83		41.30	
Mittl. Ort	15.985		38.15		55.905		59.99		23.041		17.09		14.05		40.37	
sec δ, tg δ	1.103		−0.466		1.125		+0.515		1.617		−1.270		2.714		−2.523	

Mittlere Zeit Greenw.	563) δ Bootis AR.		563) δ Bootis Dekl.		564) β Librae AR.		564) β Librae Dekl.		565) 1 H. Ursae min. AR.		565) 1 H. Ursae min. Dekl.		566) φ¹ Lupi AR.		566) φ¹ Lupi Dekl.	
1918	15ʰ 12ᵐ		+33° 36′		15ʰ 12ᵐ		−9° 4′		15ʰ 13ᵐ		+67° 38′		15ʰ 16ᵐ		−35° 57′	
Jan. 0.9	11.631	315	57.64	263	35.797	307	55.75	158	39.44	52	68.74	266	36.098	367	49.80	55
10.8	11.946	337	55.01	225	36.104	321	57.33	160	39.96	59	66.08	213	36.465	384	50.35	81
20.8	12.283	347	52.76	180	36.425	326	58.93	155	40.55	62	63.95	152	36.849	390	51.16	104
30.8	12.630	347	50.96	128	36.751	322	60.48	144	41.17	64	62.43	86	37.239	386	52.20	122
Feb. 9.7	12.977	338	49.68	74	37.073	311	61.92	129	41.81	63	61.57	17	37.625	375	53.42	137
19.7	13.315	320	48.94	17	37.384	294	63.21	110	42.44	60	61.40	— 50	38.000	356	54.79	145
März 1.7	13.635	297	48.77	— 38	37.678	273	64.31	88	43.04	57	61.90	116	38.356	333	56.24	152
11.7	13.932	267	49.15	91	37.951	249	65.19	66	43.61	50	63.06	174	38.689	305	57.76	154
21.6	14.199	233	50.06	138	38.200	223	65.85	43	44.11	42	64.80	226	38.994	276	59.30	153
31.6	14.432	197	51.44	178	38.423	196	66.28	22	44.53	33	67.06	266	39.270	245	60.83	150
Apr. 10.6	14.629	161	53.22	209	38.619	168	66.50	2	44.86	25	69.72	297	39.515	212	62.33	145
20.6	14.790	122	55.31	233	38.787	140	66.52	— 14	45.11	15	72.69	317	39.727	178	63.78	138
30.5	14.912	83	57.64	246	38.927	112	66.38	27	45.26	5	75.86	324	39.905	143	65.16	130
Mai 10.5	14.995	46	60.10	251	39.039	82	66.11	38	45.31	— 4	79.10	321	40.048	107	66.46	120
20.5	15.041	9	62.61	247	39.121	53	65.73	46	45.27	14	82.31	307	40.155	70	67.66	109
30.4	15.050	— 27	65.08	236	39.174	23	65.27	52	45.13	21	85.38	284	40.225	33	68.75	96
Juni 9.4	15.023	61	67.44	218	39.197	— 6	64.75	55	44.92	30	88.22	253	40.258	— 6	69.71	80
19.4	14.962	93	69.62	193	39.191	36	64.20	56	44.62	37	90.75	216	40.252	43	70.51	64
29.4	14.869	124	71.55	164	39.155	62	63.64	58	44.25	42	92.91	172	40.209	79	71.15	45
Juli 9.3	14.745	149	73.19	131	39.093	89	63.06	57	43.83	48	94.63	124	40.130	111	71.60	25
19.3	14.596	172	74.50	96	39.004	111	62.49	55	43.35	51	95.87	75	40.019	141	71.85	3
29.3	14.424	189	75.46	57	38.893	130	61.94	53	42.84	54	96.62	22	39.878	164	71.88	— 19
Aug. 8.3	14.235	201	76.03	17	38.763	143	61.41	50	42.30	55	96.84	— 30	39.714	179	71.69	42
18.2	14.034	205	76.20	— 23	38.620	149	60.91	45	41.75	55	96.54	82	39.535	188	71.27	64
28.2	13.829	202	75.97	63	38.471	147	60.46	39	41.20	53	95.72	134	39.347	186	70.63	84
Sept. 7.2	13.627	190	75.34	104	38.324	138	60.07	30	40.67	51	94.38	182	39.161	173	69.79	101
17.1	13.437	169	74.30	143	38.186	120	59.77	20	40.16	46	92.56	227	38.988	149	68.78	116
27.1	13.268	140	72.87	179	38.066	92	59.57	8	39.70	40	90.29	269	38.839	116	67.62	123
Okt. 7.1	13.128	103	71.08	215	37.974	57	59.49	— 9	39.30	33	87.60	305	38.723	72	66.39	127
17.1	13.025	57	68.93	247	37.917	15	59.58	26	38.97	24	84.55	336	38.651	20	65.12	123
27.0	12.968	6	66.46	273	37.902	— 32	59.84	46	38.73	14	81.19	359	38.631	— 37	63.89	114
Nov. 6.0	12.962	— 48	63.73	294	37.934	83	60.30	68	38.59	4	77.60	374	38.668	98	62.75	99
16.0	13.010	105	60.79	310	38.017	133	60.98	90	38.55	— 7	73.86	379	38.766	159	61.76	77
26.0	13.115	160	57.69	316	38.150	181	61.88	110	38.62	19	70.07	374	38.925	217	60.99	52
Dez. 5.9	13.275	212	54.53	314	38.331	225	62.98	129	38.81	29	66.33	359	39.142	269	60.47	24
15.9	13.487	257	51.39	301	38.556	262	64.27	144	39.10	39	62.74	332	39.411	313	60.23	— 7
25.9	13.744	294	48.38	280	38.818	290	65.71	154	39.49	48	59.42	294	39.724	348	60.30	36
35.8	14.038		45.58		39.108		67.25		39.97		56.48		40.072		60.66	
Mittl. Ort	11.812		72.15		35.521		52.35		41.50		88.41		35.827		53.45	
sec δ, tg δ	1.201		+0.665		1.013		−0.160		2.631		+2.433		1.236		−0.726	

Mittlere Zeit Greenw.	569) γ Ursae minoris				568) μ Bootis				571) ι Draconis				572) β Coron. bor.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$15^h\ 20^m$		+72° 7′		$15^h\ 21^m$		+37° 39′		$15^h\ 23^m$		+59° 14′		$15^h\ 24^m$		+29° 22′	
Jan. 0.9	47.88	60	13.35	266	23.204	316	35.87	270	4.898	409	52.42	280	26.711	300	62.56	261
10.8	48.48	68	10.69	213	23.520	340	33.17	232	5.307	454	49.62	230	27.011	321	59.95	228
20.8	49.16	73	8.56	153	23.860	355	30.85	185	5.761	483	47.32	172	27.332	334	57.67	186
30.8	49.89	77	7.03	86	24.215	357	29.00	131	6.244	496	45.60	108	27.666	335	55.81	140
Feb. 9.8	50.66	76	6.17	19	24.572	351	27.69	74	6.740	492	44.52	42	28.001	328	54.41	87
19.7	51.42	74	5.98	50	24.923	335	26.95	14	7.232	474	44.10	26	28.329	314	53.54	34
März 1.7	52.16	69	6.48	116	25.258	311	26.81	44	7.706	442	44.36	91	28.643	293	53.20	21
11.7	52.85	61	7.64	174	25.569	283	27.25	99	8.148	397	45.27	151	28.936	267	53.41	71
21.6	53.46	52	9.38	227	25.852	248	28.24	148	8.545	344	46.78	205	29.203	236	54.12	119
31.6	53.98	42	11.65	268	26.100	211	29.72	190	8.889	284	48.83	248	29.439	205	55.31	158
Apr. 10.6	54.40	30	14.33	299	26.311	172	31.62	224	9.173	218	51.31	283	29.644	170	56.89	192
20.6	54.70	19	17.32	320	26.483	133	33.86	249	9.391	150	54.14	305	29.814	134	58.81	215
30.5	54.89	6	20.52	327	26.616	91	36.35	263	9.541	81	57.19	317	29.948	100	60.96	232
Mai 10.5	54.95	6	23.79	325	26.707	51	38.98	268	9.622	12	60.36	319	30.048	63	63.28	239
20.5	54.89	18	27.04	312	26.758	11	41.66	265	9.634	54	63.55	308	30.111	27	65.67	238
30.5	54.71	28	30.16	289	26.769	28	44.31	253	9.580	117	66.63	291	30.138	7	68.05	230
Juni 9.4	54.43	38	33.05	258	26.741	66	46.84	233	9.463	177	69.54	263	30.131	41	70.35	215
19.4	54.05	47	35.63	221	26.675	100	49.17	209	9.286	230	72.17	229	30.090	74	72.50	193
29.4	53.58	55	37.84	178	26.575	133	51.26	178	9.056	278	74.46	190	30.016	105	74.43	168
Juli 9.3	53.03	61	39.62	130	26.442	162	53.04	143	8.778	319	76.36	146	29.911	132	76.11	138
19.3	52.42	66	40.92	79	26.280	186	54.47	105	8.459	351	77.82	97	29.779	156	77.49	106
29.3	51.76	68	41.71	28	26.094	205	55.52	64	8.108	377	78.79	48	29.623	176	78.55	70
Aug. 8.3	51.08	71	41.99	26	25.889	219	56.16	22	7.731	390	79.27	3	29.447	188	79.25	33
18.2	50.37	71	41.73	78	25.670	224	56.38	21	7.341	396	79.24	54	29.259	196	79.58	4
28.2	49.66	69	40.95	128	25.446	222	56.17	63	6.945	388	78.70	106	29.063	195	79.54	43
Sept. 7.2	48.97	66	39.67	178	25.224	211	55.54	107	6.557	369	77.64	154	28.868	186	79.11	81
17.2	48.31	60	37.89	223	25.013	191	54.47	147	6.188	339	76.10	200	28.682	168	78.30	119
27.1	47.71	53	35.66	266	24.822	162	53.00	187	5.849	296	74.10	243	28.514	141	77.11	156
Okt. 7.1	47.18	45	33.00	302	24.660	124	51.13	223	5.553	241	71.67	282	28.373	105	75.55	189
17.1	46.73	34	29.98	333	24.536	78	48.90	256	5.312	175	68.85	315	28.268	63	73.66	222
27.0	46.39	22	26.65	356	24.458	25	46.34	284	5.137	102	65.70	342	28.205	15	71.44	250
Nov. 6.0	46.17	10	23.09	372	24.433	31	43.50	307	5.035	21	62.28	361	28.190	38	68.94	273
16.0	46.07	4	19.37	377	24.464	91	40.43	321	5.014	64	58.67	371	28.228	93	66.21	290
26.0	46.11	18	15.60	373	24.555	148	37.22	328	5.078	149	54.96	371	28.321	146	63.31	300
Dez. 5.9	46.29	30	11.87	358	24.703	202	33.94	325	5.227	232	51.25	360	28.467	197	60.31	301
15.9	46.59	44	8.29	331	24.905	252	30.69	313	5.459	307	47.65	338	28.664	242	57.30	292
25.9	47.03	54	4.98	294	25.157	293	27.56	289	5.766	373	44.27	304	28.906	278	54.38	276
35.9	47.57		2.04		25.450		24.67		6.139		41.23		29.184		51.62	
Mittl. Ort	50.85		32.78		23.539		50.71		6.209		70.55		26.882		75.49	
sec δ, tg δ	3.258		+3.101		1.263		+0.772		1.956		+1.681		1.148		+0.563	

Mittlere Zeit Greenw.	573) ν^1 Bootis AR.		573) Dekl.		575) γ Lupi AR.		575) Dekl.		577) γ Librae AR.		577) Dekl.		578) α Coron. bor. AR.		578) Dekl.	
	$15^h\ 27^m$		+41° 6′		$15^h\ 29^m$		−40° 53′		$15^h\ 30^m$		−14° 31′		$15^h\ 31^m$		+26° 59′	
1918	s		″		s		″		s		″		s		″	
Jan. 0.9	58.539	318	27.93	278	40.356	380	27.12	21	56.401	306	2.59	130	12.771	293	11.56	259
10.8	58.857	347	25.15	237	40.736	402	27.33	52	56.707	322	3.89	136	13.064	315	8.97	228
20.8	59.204	364	22.78	189	41.138	411	27.85	78	57.029	329	5.25	137	13.379	327	6.69	190
30.8	59.568	369	20.89	134	41.549	410	28.63	101	57.358	329	6.62	132	13.706	331	4.79	144
Feb. 9.8	59.937	364	19.55	74	41.959	401	29.64	121	57.687	321	7.94	123	14.037	325	3.35	95
19.7	60.301	350	18.81	13	42.360	385	30.85	136	58.008	307	9.17	110	14.362	311	2.40	42
März 1.7	60.651	327	18.68	47	42.745	363	32.21	147	58.315	288	10.27	95	14.673	293	1.98	10
11.7	60.978	297	19.15	103	43.108	336	33.68	155	58.603	267	11.22	77	14.966	267	2.08	60
21.7	61.275	263	20.18	156	43.444	306	35.23	159	58.870	243	11.99	59	15.233	240	2.68	107
31.6	61.538	225	21.74	199	43.750	275	36.82	161	59.113	217	12.58	42	15.473	209	3.75	147
Apr. 10.6	61.763	183	23.73	234	44.025	241	38.43	160	59.330	191	13.00	25	15.682	176	5.22	180
20.6	61.946	141	26.07	259	44.266	206	40.03	157	59.521	163	13.25	12	15.858	142	7.02	205
30.5	62.087	98	28.66	275	44.472	167	41.60	152	59.684	134	13.37	1	16.000	108	9.07	222
Mai 10.5	62.185	55	31.41	281	44.639	129	43.12	144	59.818	104	13.36	10	16.108	73	11.29	231
20.5	62.240	11	34.22	278	44.768	88	44.56	135	59.922	74	13.26	19	16.181	38	13.60	231
30.5	62.251	29	37.00	265	44.856	47	45.91	123	59.996	42	13.07	25	16.219	4	15.91	224
Juni 9.4	62.222	70	39.65	246	44.903	5	47.14	107	60.038	11	12.82	30	16.223	30	18.15	211
19.4	62.152	108	42.11	219	44.908	37	48.21	91	60.049	21	12.52	35	16.193	63	20.26	192
29.4	62.044	143	44.30	187	44.871	78	49.12	70	60.028	51	12.17	37	16.130	94	22.18	168
Juli 9.4	61.901	173	46.17	152	44.793	114	49.82	49	59.977	81	11.80	41	16.036	122	23.86	140
19.3	61.728	200	47.69	111	44.679	149	50.31	24	59.896	107	11.39	43	15.914	147	25.26	109
29.3	61.528	221	48.80	69	44.530	175	50.55	2	59.789	129	10.96	44	15.767	167	26.35	75
Aug. 8.3	61.307	235	49.49	26	44.355	195	50.53	28	59.660	144	10.52	47	15.600	182	27.10	40
18.2	61.072	242	49.75	20	44.160	206	50.25	55	59.516	155	10.05	47	15.418	190	27.50	4
28.2	60.830	241	49.55	65	43.954	207	49.70	80	59.361	156	9.58	46	15.228	191	27.54	33
Sept. 7.2	60.589	230	48.90	108	43.747	195	48.90	103	59.205	148	9.12	43	15.037	183	27.21	70
17.2	60.359	210	47.82	152	43.552	172	47.87	121	59.057	132	8.69	39	14.854	166	26.51	106
27.1	60.149	181	46.30	193	43.380	138	46.66	136	58.925	107	8.30	30	14.688	140	25.45	143
Okt. 7.1	59.968	142	44.37	230	43.242	93	45.30	145	58.818	72	8.00	20	14.548	107	24.02	176
17.1	59.826	95	42.07	265	43.149	39	43.85	146	58.746	31	7.80	6	14.441	65	22.26	209
27.1	59.731	41	39.42	293	43.110	22	42.39	141	58.715	17	7.74	10	14.376	18	20.17	237
Nov. 6.0	59.690	18	36.49	316	43.132	86	40.98	130	58.732	68	7.84	30	14.358	34	17.80	261
16.0	59.708	79	33.33	332	43.218	151	39.68	111	58.800	120	8.14	50	14.392	87	15.19	278
26.0	59.787	139	30.01	338	43.369	214	38.57	88	58.920	169	8.64	71	14.479	141	12.41	291
Dez. 5.9	59.926	198	26.63	334	43.583	270	37.69	60	59.089	217	9.35	91	14.620	191	9.50	293
15.9	60.124	249	23.29	322	43.853	319	37.09	30	59.305	256	10.26	109	14.811	234	6.57	287
25.9	60.373	294	20.07	297	44.172	359	36.79	1	59.561	286	11.35	122	15.045	272	3.70	272
35.9	60.667		17.10		44.531		36.80		59.847		12.57		15.317		0.98	
Mittl. Ort	59.014		43.01		40.171		31.71		56.185		0.87		12.936		23.61	
sec δ, tg δ	1.327		+0.873		1.323		−0.866		1.033		−0.259		1.122		+0.509	

Mittlere Zeit Greenw.	582) α Serpentis AR.		582) α Serpentis Dekl.		583) β Serpentis AR.		583) β Serpentis Dekl.		584) κ Serpentis AR.		584) κ Serpentis Dekl.		585) μ Serpentis AR.		585) μ Serpentis Dekl.	
1918	15h 40m		+6° 40′		15h 42m		+15° 40′		15h 45m		+18° 23′		15h 45m		−3° 10′	
	s		″		s		″		s		″		s		″	
Jan. 0.9	13.715	282	51.04	204	24.096	279	30.35	233	2.788	277	28.75	241	20.440	284	53.06	168
10.8	13.997	300	49.00	192	24.375	300	28.02	212	3.065	300	26.34	218	20.724	302	54.74	164
20.8	14.297	310	47.08	172	24.675	311	25.90	184	3.365	312	24.16	188	21.026	312	56.38	154
30.8	14.607	313	45.36	145	24.986	315	24.06	149	3.677	317	22.28	151	21.338	315	57.92	137
Feb. 9.8	14.920	307	43.91	113	25.301	311	22.57	109	3.994	312	20.77	108	21.653	310	59.29	116
19.7	15.227	296	42.78	79	25.612	300	21.48	66	4.306	303	19.69	63	21.963	298	60.45	91
März 1.7	15.523	279	41.99	42	25.912	283	20.82	22	4.609	286	19.06	16	22.261	284	61.36	64
11.7	15.802	258	41.57	6	26.195	262	20.60	22	4.895	265	18.90	29	22.545	263	62.00	37
21.7	16.060	236	41.51	29	26.457	239	20.82	62	5.160	242	19.19	72	22.808	242	62.37	9
31.6	16.296	210	41.80	60	26.696	212	21.44	99	5.402	214	19.91	110	23.050	218	62.46	16
Apr. 10.6	16.506	183	42.40	87	26.908	184	22.43	130	5.616	187	21.01	142	23.268	192	62.30	38
20.6	16.689	156	43.27	108	27.092	154	23.73	154	5.803	156	22.43	167	23.460	166	61.92	56
30.5	16.845	127	44.35	125	27.246	125	25.27	172	5.959	125	24.10	185	23.626	138	61.36	71
Mai 10.5	16.972	98	45.60	135	27.371	93	26.99	182	6.084	94	25.95	195	23.764	109	60.65	82
20.5	17.070	67	46.95	140	27.464	61	28.81	186	6.178	61	27.90	200	23.873	80	59.83	88
30.5	17.137	37	48.35	141	27.525	29	30.67	183	6.239	28	29.90	196	23.953	48	58.95	90
Juni 9.4	17.174	5	49.76	137	27.554	3	32.50	176	6.267	5	31.86	188	24.001	17	58.05	91
19.4	17.179	26	51.13	128	27.551	35	34.26	163	6.262	37	33.74	174	24.018	15	57.14	88
29.4	17.153	56	52.41	118	27.516	66	35.89	147	6.225	69	35.48	156	24.003	46	56.26	83
Juli 9.4	17.097	84	53.59	104	27.450	95	37.36	126	6.156	98	37.04	133	23.957	75	55.43	77
19.3	17.013	110	54.63	88	27.355	120	38.62	104	6.058	124	38.37	110	23.882	102	54.66	69
29.3	16.903	131	55.51	71	27.235	141	39.66	79	5.934	146	39.47	82	23.780	124	53.97	59
Aug. 8.3	16.772	147	56.22	52	27.094	159	40.45	53	5.788	163	40.29	54	23.656	142	53.38	51
18.2	16.625	158	56.74	32	26.935	168	40.98	24	5.625	174	40.83	23	23.514	154	52.87	39
28.2	16.467	160	57.06	11	26.767	172	41.22	4	5.451	177	41.06	7	23.360	158	52.48	27
Sept. 7.2	16.307	155	57.17	11	26.595	166	41.18	34	5.274	172	40.99	39	23.202	153	52.21	15
17.2	16.152	141	57.06	35	26.429	153	40.84	63	5.102	158	40.60	71	23.049	139	52.06	1
27.1	16.011	119	56.71	58	26.276	129	40.21	93	4.944	136	39.89	102	22.910	117	52.07	17
Okt. 7.1	15.892	87	56.13	82	26.147	98	39.28	123	4.808	105	38.87	134	22.793	86	52.24	35
17.1	15.805	48	55.31	107	26.049	60	38.05	151	4.703	65	37.53	163	22.707	47	52.59	54
27.1	15.757	4	54.24	131	25.989	15	36.54	178	4.638	21	35.90	190	22.660	2	53.13	75
Nov. 6.0	15.753	44	52.93	154	25.974	34	34.76	203	4.617	28	34.00	216	22.658	46	53.88	96
16.0	15.797	94	51.39	175	26.008	85	32.73	222	4.645	80	31.84	235	22.704	96	54.84	116
26.0	15.891	143	49.64	191	26.093	135	30.51	238	4.725	130	29.49	250	22.800	146	56.00	134
Dez. 5.9	16.034	189	47.73	204	26.228	182	28.13	246	4.855	178	26.99	259	22.946	191	57.34	149
15.9	16.223	229	45.69	209	26.410	223	25.67	247	5.033	221	24.40	258	23.137	231	58.83	161
25.9	16.452	262	43.60	208	26.633	259	23.20	241	5.254	256	21.82	249	23.368	263	60.44	167
35.9	16.714		41.52		26.892		20.79		5.510		19.33		23.631		62.11	
Mittl. Ort	13.660		57.94		24.147		39.30		2.886		38.20		20.332		48.72	
sec δ, tg δ	1.007		+0.117		1.039		+0.281		1.054		+0.333		1.001		−0.056	

Mittlere Zeit Greenw.	588) ε Serpentis AR.	Diff.	Dekl.	Diff.	590) ζ Ursae minoris AR.	Diff.	Dekl.	Diff.	589) β Triang. austr. AR.	Diff.	Dekl.	Diff.	593) ε Coron. bor. AR.	Diff.	Dekl.	Diff.
1918	$15^h 46^m$		+4° 43′		$15^h 46^m$		+78° 2′		$15^h 47^m$		−63° 10′		$15^h 54^m$		+27° 6′	
Jan. 0.9	43.667 s	278	18.98″	197	51.71 s	75	33.05″	281	53.92 s	57	36.03″	90	11.223 s	275	41.48″	264
10.9	43.945	297	17.01	186	52.46	88	30.24	231	54.49	60	35.13	46	11.498	302	38.84	237
20.8	44.242	309	15.15	168	53.34	99	27.93	175	55.09	63	34.67	4	11.800	318	36.47	200
30.8	44.551	312	13.47	143	54.33	107	26.18	111	55.72	65	34.63	38	12.118	325	34.47	156
Feb. 9.8	44.863	307	12.04	115	55.40	109	25.07	44	56.37	64	35.01	78	12.443	325	32.91	107
19.7	45.170	297	10.89	81	56.49	108	24.63	25	57.01	62	35.79	114	12.768	316	31.84	55
März 1.7	45.467	281	10.08	47	57.57	102	24.88	90	57.63	59	36.93	147	13.084	300	31.29	1
11.7	45.748	262	9.61	12	58.59	94	25.78	152	58.22	56	38.40	175	13.384	281	31.28	50
21.7	46.010	240	9.49	22	59.53	83	27.30	207	58.78	52	40.15	200	13.665	255	31.78	99
31.6	46.250	216	9.71	52	60.36	68	29.37	252	59.30	46	42.15	219	13.920	228	32.77	141
Apr. 10.6	46.466	189	10.23	78	61.04	52	31.89	288	59.76	41	44.34	233	14.148	197	34.18	178
20.6	46.655	163	11.01	101	61.56	34	34.77	313	60.17	35	46.67	245	14.345	165	35.96	205
30.6	46.818	135	12.01	115	61.90	16	37.90	326	60.52	29	49.12	250	14.510	131	38.01	225
Mai 10.5	46.953	105	13.16	127	62.06	1	41.16	329	60.81	22	51.62	250	14.641	97	40.26	237
20.5	47.058	74	14.43	132	62.05	21	44.45	320	61.03	14	54.12	245	14.738	61	42.63	240
30.5	47.132	44	15.75	133	61.84	37	47.65	302	61.17	6	56.57	236	14.799	25	45.03	235
Juni 9.4	47.176	13	17.08	129	61.47	53	50.67	276	61.23	0	58.93	219	14.824	12	47.38	225
19.4	47.189	20	18.37	123	60.94	68	53.43	242	61.23	8	61.12	198	14.812	46	49.63	207
29.4	47.169	50	19.60	113	60.26	81	55.85	202	61.15	16	63.10	170	14.766	80	51.70	184
Juli 9.4	47.119	79	20.73	101	59.45	91	57.87	158	60.99	21	64.80	140	14.686	111	53.54	157
19.3	47.040	106	21.74	87	58.54	100	59.45	109	60.78	28	66.20	102	14.575	140	55.11	127
29.3	46.934	128	22.61	71	57.54	106	60.54	58	60.50	33	67.22	63	14.435	165	56.38	94
Aug. 8.3	46.806	145	23.32	53	56.48	110	61.12	6	60.17	36	67.85	19	14.270	182	57.32	59
18.3	46.661	157	23.85	35	55.38	111	61.18	46	59.81	39	68.04	24	14.088	194	57.91	22
28.2	46.504	161	24.20	16	54.27	110	60.72	98	59.42	38	67.80	70	13.894	199	58.13	15
Sept. 7.2	46.343	156	24.36	4	53.17	107	59.74	147	59.04	37	67.10	112	13.695	195	57.98	52
17.2	46.187	144	24.32	26	52.10	100	58.27	194	58.67	34	65.98	151	13.500	182	57.46	90
27.1	46.043	121	24.06	48	51.10	91	56.33	238	58.33	28	64.47	185	13.318	159	56.56	128
Okt. 7.1	45.922	91	23.58	71	50.19	80	53.95	278	58.05	22	62.62	214	13.159	128	55.28	163
17.1	45.831	53	22.87	96	49.39	65	51.17	311	57.83	13	60.48	232	13.031	89	53.65	196
27.1	45.778	8	21.91	118	48.74	50	48.06	339	57.70	3	58.16	242	12.942	43	51.69	226
Nov. 6.0	45.770	39	20.73	141	48.24	32	44.67	358	57.67	7	55.74	243	12.899	8	49.43	253
16.0	45.809	89	19.32	162	47.92	12	41.09	368	57.74	17	53.31	234	12.907	62	46.90	273
26.0	45.898	138	17.70	179	47.80	8	37.41	369	57.91	28	50.97	215	12.969	114	44.17	286
Dez. 6.0	46.036	185	15.91	191	47.88	27	33.72	360	58.19	37	48.82	188	13.083	166	41.31	293
15.9	46.221	224	14.00	199	48.15	47	30.12	338	58.56	45	46.94	155	13.249	213	38.38	289
25.9	46.445	258	12.01	199	48.62	65	26.74	305	59.01	52	45.39	116	13.462	252	35.49	277
35.9	46.703		10.02		49.27		23.69		59.53		44.23		13.714		32.72	
Mittl. Ort	43.622		25.19		57.37		50.51		54.27		44.05		11.508		52.29	
sec δ, tg δ	1.003		+0.083		4.829		+4.724		2.216		−1.978		1.123		+0.512	

Mittlere Zeit Greenw.	594) δ Scorpii AR.		594) δ Scorpii Dekl.		598) ϑ Draconis AR.		598) ϑ Draconis Dekl.		597) β Scorpii AR.		597) β Scorpii Dekl.		603) δ Ophiuchi AR.		603) δ Ophiuchi Dekl.	
1918	15h 55m		−22° 23′		16h 0m		+58° 46′		16h 0m		−19° 34′		16h 10m		−3° 29′	
Jan. 0.9	29.024	305	21.62	81	19.399	353	47.03	305	40.060	295	55.69	90	2.818	267	6.76	159
10.9	29.329	325	22.43	94	19.752	408	43.98	263	40.355	317	56.59	101	3.085	290	8.35	155
20.8	29.654	338	23.37	102	20.160	448	41.35	209	40.672	329	57.60	106	3.375	304	9.90	146
30.8	29.992	341	24.39	106	20.608	473	39.26	150	41.001	336	58.66	107	3.679	311	11.36	131
Feb. 9.8	30.333	338	25.45	106	21.081	482	37.76	84	41.337	331	59.73	105	3.990	309	12.67	110
19.8	30.671	327	26.51	102	21.563	477	36.92	17	41.668	323	60.78	97	4.299	303	13.77	86
März 1.7	30.998	313	27.53	95	22.040	459	36.75	51	41.991	308	61.75	87	4.602	291	14.63	59
11.7	31.311	294	28.48	86	22.499	427	37.26	114	42.299	291	62.62	76	4.893	275	15.22	32
21.7	31.605	272	29.34	76	22.926	384	38.40	174	42.590	270	63.38	63	5.168	257	15.54	5
31.6	31.877	249	30.10	65	23.310	333	40.14	223	42.860	248	64.01	50	5.425	236	15.59	21
Apr. 10.6	32.126	223	30.75	55	23.643	275	42.37	266	43.108	223	64.51	38	5.661	213	15.38	43
20.6	32.349	196	31.30	45	23.918	212	45.03	296	43.331	197	64.89	27	5.874	187	14.95	61
30.6	32.545	167	31.75	36	24.130	145	47.99	317	43.528	169	65.16	18	6.061	162	14.34	77
Mai 10.5	32.712	136	32.11	29	24.275	78	51.16	326	43.697	138	65.34	10	6.223	132	13.57	86
20.5	32.848	106	32.40	22	24.353	10	54.42	325	43.835	107	65.44	4	6.355	103	12.71	93
30.5	32.954	68	32.62	16	24.363	56	57.67	314	43.942	73	65.48	1	6.458	70	11.78	95
Juni 9.5	33.022	34	32.78	10	24.307	120	60.81	294	44.015	38	65.47	6	6.528	39	10.83	96
19.4	33.056	2	32.88	4	24.187	181	63.75	266	44.053	3	65.41	11	6.567	4	9.87	91
29.4	33.054	37	32.92	3	24.006	237	66.41	232	44.056	33	65.30	15	6.571	30	8.96	87
Juli 9.4	33.017	70	32.89	9	23.769	286	68.73	192	44.023	66	65.15	19	6.541	61	8.09	80
19.3	32.947	102	32.80	17	23.483	329	70.65	147	43.957	96	64.96	24	6.480	91	7.29	71
29.3	32.845	128	32.63	25	23.154	363	72.12	100	43.861	125	64.72	29	6.389	118	6.58	61
Aug. 8.3	32.717	150	32.38	32	22.791	389	73.12	50	43.736	146	64.43	34	6.271	139	5.97	52
18.3	32.567	164	32.06	41	22.402	403	73.62	1	43.590	160	64.09	39	6.132	155	5.45	41
28.2	32.403	169	31.65	48	21.999	407	73.61	53	43.430	168	63.70	44	5.977	162	5.04	28
Sept. 7.2	32.234	166	31.17	53	21.592	398	73.08	104	43.262	164	63.26	47	5.815	161	4.76	16
17.2	32.068	153	30.64	57	21.194	376	72.04	152	43.098	153	62.79	47	5.654	152	4.60	2
27.2	31.915	129	30.07	57	20.818	343	70.52	200	42.945	130	62.32	45	5.502	132	4.58	13
Okt. 7.1	31.786	95	29.50	55	20.475	296	68.52	243	42.815	98	61.87	41	5.370	104	4.71	31
17.1	31.691	54	28.95	48	20.179	237	66.09	282	42.717	57	61.46	33	5.266	68	5.02	49
27.1	31.637	5	28.47	37	19.942	169	63.27	315	42.660	12	61.13	22	5.198	25	5.51	68
Nov. 6.0	31.632	47	28.10	23	19.773	92	60.12	342	42.648	41	60.91	7	5.173	23	6.19	88
16.0	31.679	101	27.87	6	19.681	10	56.70	359	42.689	94	60.84	11	5.196	72	7.07	108
26.0	31.780	155	27.81	14	19.671	76	53.11	368	42.783	146	60.95	28	5.268	122	8.15	125
Dez. 6.0	31.935	204	27.95	33	19.747	160	49.43	365	42.929	195	61.23	48	5.390	168	9.40	139
15.9	32.139	247	28.28	53	19.907	240	45.78	352	43.124	238	61.71	66	5.558	212	10.79	152
25.9	32.386	283	28.81	70	20.147	312	42.26	326	43.362	274	62.37	82	5.770	245	12.31	158
35.9	32.669		29.51		20.459		39.00		43.636		63.19		6.015		13.89	
Mittl. Ort	28.892		21.93		21.037		62.10		39.949		55.38		2.801		3.06	
sec δ, tg δ	1.082		−0.412		1.930		+1.650		1.061		−0.356		1.002		−0.061	

Mittlere Zeit Greenw.	606) 19 Ursae min.				604) γ^2 Normae				605) ε Ophiuchi				608) τ Herculis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$16^h\ 13^m$		$+76^\circ\ 4'$		$16^h\ 13^m$		$-49^\circ\ 57'$		$16^h\ 13^m$		$-4^\circ\ 29'$		$16^h\ 17^m$		$+46^\circ\ 30'$	
Jan. 0.9	$3^s.35$	58	$49''.39$	304	$41^s.670$	396	$14''.70$	64	$58^s.848$	266	$40''.52$	152	$15^s.515$	283	$16''.59$	308
10.9	3.93	71	46.35	259	42.066	431	14.06	32	59.114	289	42.04	150	15.798	324	13.51	272
20.8	4.64	81	43.76	208	42.497	454	13.74	1	59.403	303	43.54	142	16.122	356	10.79	227
30.8	5.45	89	41.68	146	42.951	465	13.73	30	59.706	311	44.96	127	16.478	375	8.52	173
Feb. 9.8	6.34	94	40.22	81	43.416	467	14.03	57	60.017	310	46.23	108	16.853	384	6.79	113
19.8	7.28	95	39.41	13	43.883	459	14.60	82	60.327	304	47.31	85	17.237	382	5.66	49
März 1.7	8.23	92	39.28	55	44.342	445	15.42	105	60.631	293	48.16	59	17.619	371	5.17	15
11.7	9.15	86	39.83	119	44.787	424	16.47	123	60.924	278	48.75	33	17.990	350	5.32	77
21.7	10.01	78	41.02	178	45.211	398	17.70	139	61.202	259	49.08	6	18.340	322	6.09	135
31.6	10.79	68	42.80	229	45.609	367	19.09	152	61.461	239	49.14	18	18.662	289	7.44	188
Apr. 10.6	11.47	54	45.09	271	45.976	333	20.61	162	61.700	217	48.96	40	18.951	249	9.32	230
20.6	12.01	40	47.80	302	46.309	296	22.23	170	61.917	193	48.56	58	19.200	207	11.62	266
30.6	12.41	25	50.82	323	46.605	253	23.93	174	62.110	166	47.98	72	19.407	160	14.28	290
Mai 10.5	12.66	9	54.05	332	46.858	207	25.67	176	62.276	137	47.26	82	19.567	113	17.18	304
20.5	12.75	6	57.37	331	47.065	159	27.43	174	62.413	107	46.44	89	19.680	63	20.22	308
30.5	12.69	21	60.68	319	47.224	108	29.17	168	62.520	75	45.55	91	19.743	14	23.30	303
Juni 9.5	12.48	36	63.87	299	47.332	54	30.85	160	62.595	43	44.64	92	19.757	36	26.33	289
19.4	12.12	49	66.86	271	47.386	1	32.45	146	62.638	8	43.72	88	19.721	83	29.22	268
29.4	11.63	62	69.57	235	47.385	54	33.91	129	62.646	26	42.84	84	19.638	129	31.90	239
Juli 9.4	11.01	72	71.92	195	47.331	106	35.20	107	62.620	58	42.00	77	19.509	171	34.29	205
19.3	10.29	81	73.87	148	47.225	153	36.27	82	62.562	89	41.23	69	19.338	208	36.34	167
29.3	9.48	89	75.35	100	47.072	195	37.09	54	62.473	116	40.54	61	19.130	241	38.01	123
Aug. 8.3	8.59	93	76.35	50	46.877	228	37.63	22	62.357	138	39.93	51	18.889	266	39.24	79
18.3	7.66	96	76.85	2	46.649	251	37.85	10	62.219	154	39.42	41	18.623	283	40.03	31
28.2	6.70	97	76.83	55	46.398	262	37.75	44	62.065	163	39.01	30	18.340	290	40.34	16
Sept. 7.2	5.73	95	76.28	105	46.136	259	37.31	77	61.902	162	38.71	19	18.050	289	40.18	64
17.2	4.78	91	75.23	156	45.877	242	36.54	107	61.740	153	38.52	5	17.761	277	39.54	113
27.2	3.87	85	73.67	202	45.635	212	35.47	134	61.587	134	38.47	10	17.484	253	38.41	158
Okt. 7.1	3.02	76	71.65	245	45.423	167	34.13	156	61.453	106	38.57	25	17.231	219	36.83	202
17.1	2.26	65	69.20	284	45.256	111	32.57	171	61.347	70	38.82	43	17.012	175	34.81	242
27.1	1.61	51	66.36	317	45.145	45	30.86	180	61.277	28	39.25	61	16.837	123	32.39	278
Nov. 6.0	1.10	37	63.19	343	45.100	28	29.06	180	61.249	20	39.86	81	16.714	63	29.61	307
16.0	0.73	20	59.76	359	45.128	103	27.26	174	61.269	69	40.67	100	16.651	2	26.54	330
26.0	0.53	2	56.17	368	45.231	177	25.52	159	61.338	119	41.67	117	16.653	67	23.24	345
Dez. 6.0	0.51	14	52.49	365	45.408	248	23.93	139	61.457	167	42.84	133	16.720	133	19.79	348
15.9	0.65	32	48.84	350	45.656	311	22.54	113	61.624	208	44.17	144	16.853	194	16.31	342
25.9	0.97	49	45.34	325	45.967	364	21.41	84	61.832	244	45.61	150	17.047	250	12.89	324
35.9	1.46		42.09		46.331		20.57		62.076		47.11		17.297		9.65	
Mittl. Ort	8.57		64.33		41.791		20.04		58.838		37.12		16.507		28.89	
sec δ, tg δ	4.158		+4.036		1.554		—1.190		1.003		—0.079		1.453		+1.054	

Mittlere Zeit Greenw.	609) γ Herculis AR.		609) γ Herculis Dekl.		611) γ Apodis AR.		611) γ Apodis Dekl.		615) η Draconis AR.		615) η Draconis Dekl.		616) α Scorpii AR.		616) α Scorpii Dekl.	
1918	$16^h\ 18^m$		$+19°\ 20'$		$16^h\ 20^m$		$-78°\ 42'$		$16^h\ 22^m$		$+61°\ 41'$		$16^h\ 24^m$		$-26°\ 15'$	
	s		"		s		"		s		"		s		"	
Jan. 0.9	17.852	253	33.46	246	47.29	108	47.14	188	50.51	34	45.14	319	22.619	292	3.09	42
10.9	18.105	279	31.00	225	48.37	120	45.26	143	50.85	40	41.95	280	22.911	318	3.51	57
20.9	18.384	299	28.75	197	49.57	130	43.83	96	51.25	45	39.15	230	23.229	336	4.08	68
30.8	18.683	308	26.78	160	50.87	137	42.87	46	51.70	50	36.85	172	23.565	345	4.76	75
Feb. 9.8	18.991	312	25.18	119	52.24	139	42.41	2	52.20	51	35.13	109	23.910	345	5.51	80
19.8	19.303	306	23.99	73	53.63	139	42.43	50	52.71	52	34.04	40	24.255	342	6.31	79
März 1.7	19.609	297	23.26	25	55.02	136	42.93	95	53.23	50	33.64	28	24.597	331	7.10	77
11.7	19.906	282	23.01	23	56.38	131	43.88	137	53.73	48	33.92	93	24.928	316	7.87	73
21.7	20.188	262	23.24	67	57.69	122	45.25	174	54.21	44	34.85	155	25.244	299	8.60	68
31.7	20.450	239	23.91	109	58.91	113	46.99	209	54.65	39	36.40	210	25.543	278	9.28	61
Apr. 10.6	20.689	214	25.00	143	60.04	100	49.08	237	55.04	33	38.50	255	25.821	255	9.89	55
20.6	20.903	187	26.43	172	61.04	87	51.45	260	55.37	26	41.05	290	26.076	230	10.44	50
30.6	21.090	157	28.15	194	61.91	73	54.05	278	55.63	19	43.95	315	26.306	202	10.94	44
Mai 10.6	21.247	125	30.09	208	62.64	55	56.83	290	55.82	13	47.10	330	26.508	170	11.38	41
20.5	21.372	93	32.17	213	63.19	39	59.73	295	55.95	4	50.40	333	26.678	137	11.79	36
30.5	21.465	57	34.30	214	63.58	20	62.68	293	55.99	3	53.73	326	26.815	101	12.15	33
Juni 9.5	21.522	23	36.44	208	63.78	2	65.61	283	55.96	11	56.99	310	26.916	64	12.48	28
19.4	21.545	13	38.52	194	63.80	17	68.44	268	55.85	17	60.09	286	26.980	24	12.76	24
29.4	21.532	48	40.46	178	63.63	34	71.12	244	55.68	24	62.95	255	27.004	15	13.00	19
Juli 9.4	21.484	82	42.24	156	63.29	51	73.56	213	55.44	30	65.50	216	26.989	54	13.19	12
19.4	21.402	112	43.80	131	62.78	66	75.69	175	55.14	35	67.66	175	26.935	89	13.31	4
29.3	21.290	139	45.11	105	62.12	78	77.44	132	54.79	40	69.41	127	26.846	122	13.35	5
Aug. 8.3	21.151	161	46.16	75	61.34	89	78.76	83	54.39	43	70.68	79	26.724	148	13.30	15
18.3	20.990	178	46.91	44	60.45	95	79.59	32	53.96	45	71.47	27	26.576	168	13.15	26
28.2	20.812	186	47.35	12	59.50	98	79.91	23	53.51	45	71.74	25	26.408	179	12.89	36
Sept. 7.2	20.626	186	47.47	20	58.52	96	79.68	77	53.06	46	71.49	76	26.229	181	12.53	46
17.2	20.440	177	47.27	54	57.56	91	78.91	130	52.60	44	70.73	128	26.048	171	12.07	55
27.2	20.263	159	46.73	86	56.65	82	77.61	178	52.16	41	69.45	176	25.877	151	11.52	60
Okt. 7.1	20.104	132	45.87	119	55.83	68	75.83	221	51.75	36	67.69	222	25.726	122	10.92	64
17.1	19.972	97	44.68	151	55.15	51	73.62	256	51.39	31	65.47	265	25.604	81	10.28	62
27.1	19.875	54	43.17	180	54.64	31	71.06	282	51.08	23	62.82	301	25.523	35	9.66	58
Nov. 6.1	19.821	6	41.37	207	54.33	9	68.24	297	50.85	16	59.81	331	25.488	19	9.08	49
16.0	19.815	44	39.30	229	54.24	13	65.27	300	50.69	7	56.50	353	25.507	73	8.59	36
26.0	19.859	95	37.01	246	54.37	37	62.27	294	50.62	3	52.97	367	25.580	129	8.23	21
Dez. 6.0	19.954	144	34.55	257	54.74	58	59.33	276	50.65	12	49.30	368	25.709	180	8.02	4
15.9	20.098	190	31.98	259	55.32	79	56.57	249	50.77	20	45.62	359	25.889	228	7.98	15
25.9	20.288	229	29.39	253	56.11	97	54.08	214	50.97	29	42.03	338	26.117	268	8.13	31
35.9	20.517		26.86		57.08		51.94		51.26		38.65		26.385		8.44	
Mittl. Ort	18.105		41.46		49.79		55.40		52.62		58.44		22.589		4.14	
sec δ, tg δ	1.060		+0.351		5.110		−5.011		2.109		+1.857		1.115		−0.493	

Mittlere Zeit Greenw.	618) β Herculis AR.		618) β Herculis Dekl.		619) A Draconis AR.		619) A Draconis Dekl.		621) σ Herculis AR.		621) σ Herculis Dekl.		622) ζ Ophiuchi AR.		622) ζ Ophiuchi Dekl.	
1918	$16^h 26^m$		+21° 39′		$16^h 28^m$		+68° 56′		$16^h 31^m$		+42° 35′		$16^h 32^m$		−10° 24′	
Jan. 0.9	41.324	246	54.76	254	4.92	39	30.91	321	26.640	259	69.07	308	38.483	259	9.22	118
10.9	41.570	275	52.22	233	5.31	48	27.70	280	26.899	299	65.99	276	38.742	284	10.40	119
20.9	41.845	295	49.89	204	5.79	56	24.90	230	27.198	331	63.23	234	39.026	301	11.59	116
30.8	42.140	308	47.85	165	6.35	61	22.60	173	27.529	351	60.89	184	39.327	311	12.75	108
Feb. 9.8	42.448	312	46.20	123	6.96	65	20.87	107	27.880	362	59.05	126	39.638	313	13.83	95
19.8	42.760	310	44.97	75	7.61	65	19.80	40	28.242	363	57.79	66	39.951	311	14.78	79
März 1.8	43.070	301	44.22	25	8.26	65	19.40	28	28.605	355	57.13	3	40.262	302	15.57	59
11.7	43.371	287	43.97	25	8.91	61	19.68	95	28.960	339	57.10	58	40.564	290	16.16	39
21.7	43.658	268	44.22	71	9.52	57	20.63	157	29.299	316	57.68	117	40.854	275	16.55	18
31.7	43.926	247	44.93	114	10.09	50	22.20	212	29.615	288	58.85	170	41.129	257	16.73	3
Apr. 10.6	44.173	222	46.07	151	10.59	41	24.32	257	29.903	254	60.55	214	41.386	236	16.70	19
20.6	44.395	194	47.58	181	11.00	34	26.89	293	30.157	216	62.69	251	41.622	213	16.51	35
30.6	44.589	164	49.39	205	11.34	24	29.82	319	30.373	175	65.20	278	41.835	187	16.16	46
Mai 10.6	44.753	133	51.44	219	11.58	13	33.01	333	30.548	132	67.98	294	42.022	160	15.70	55
20.5	44.886	98	53.63	226	11.71	3	36.34	337	30.680	86	70.92	303	42.182	129	15.15	60
30.5	44.984	63	55.89	227	11.74	7	39.71	330	30.766	39	73.95	299	42.311	97	14.55	63
Juni 9.5	45.047	27	58.16	220	11.67	16	43.01	314	30.805	7	76.94	290	42.408	62	13.92	64
19.5	45.074	9	60.36	207	11.51	26	46.15	290	30.798	53	79.84	270	42.470	27	13.28	62
29.4	45.065	46	62.43	190	11.25	35	49.05	257	30.745	98	82.54	246	42.497	9	12.66	59
Juli 9.4	45.019	80	64.33	167	10.90	42	51.62	220	30.647	140	85.00	214	42.488	44	12.07	56
19.4	44.939	113	66.00	142	10.48	50	53.82	177	30.507	178	87.14	178	42.444	79	11.51	51
29.3	44.826	141	67.42	113	9.98	55	55.59	130	30.329	212	88.92	139	42.365	108	11.00	47
Aug. 8.3	44.685	165	68.55	82	9.43	59	56.89	80	30.117	239	90.31	95	42.257	134	10.53	43
18.3	44.520	182	69.37	49	8.84	61	57.69	28	29.878	258	91.26	51	42.123	153	10.10	37
28.3	44.338	192	69.86	16	8.23	64	57.97	24	29.620	268	91.77	4	41.970	164	9.73	32
Sept. 7.2	44.146	193	70.02	19	7.59	62	57.73	76	29.352	270	91.81	43	41.806	168	9.41	26
17.2	43.953	185	69.83	53	6.97	61	56.97	127	29.082	262	91.38	89	41.638	161	9.15	19
27.2	43.768	169	69.30	89	6.36	57	55.70	177	28.820	241	90.49	135	41.477	144	8.96	10
Okt. 7.2	43.599	142	68.41	122	5.79	51	53.93	223	28.579	212	89.14	179	41.333	119	8.86	1
17.1	43.457	108	67.19	155	5.28	44	51.70	265	28.367	172	87.35	219	41.214	83	8.87	12
27.1	43.349	65	65.64	186	4.84	35	49.05	301	28.195	124	85.16	257	41.131	42	8.99	27
Nov. 6.1	43.284	18	63.78	214	4.49	25	46.04	332	28.071	68	82.59	288	41.089	5	9.26	43
16.0	43.266	32	61.64	237	4.24	15	42.72	354	28.003	9	79.71	313	41.094	56	9.69	59
26.0	43.298	84	59.27	255	4.09	2	39.18	367	27.994	54	76.58	330	41.150	105	10.28	76
Dez. 6.0	43.382	135	56.72	265	4.07	10	35.51	370	28.048	116	73.28	338	41.255	154	11.04	91
16.0	43.517	181	54.07	268	4.17	22	31.81	360	28.164	174	69.90	336	41.409	198	11.95	104
25.9	43.698	221	51.39	262	4.39	32	28.21	338	28.338	227	66.54	321	41.607	236	12.99	113
35.9	43.919		48.77		4.71		24.83		28.565		63.33		41.843		14.12	
Mittl. Ort	41.648		62.70		8.18		44.11		27.540		79.75		38.502		7.34	
sec δ, tg δ	1.076		+0.397		2.784		+2.598		1.359		+0.920		1.017		−0.184	

Mittlere Zeit Greenw.	625) α Triang. austr. AR.		625) Dekl.		626) η Herculis AR.		626) Dekl.	
1918	16h 39m		−68° 52′		16h 40m		+39° 4′	
	s		″		s		″	
Jan. 0.9	57.03	59	37.71	174	4.250	245	29.62	303
10.9	57.62	67	35.97	137	4.495	285	26.59	275
20.9	58.29	73	34.60	97	4.780	313	23.84	237
30.8	59.02	76	33.63	54	5.093	335	21.47	188
Feb. 9.8	59.78	78	33.09	13	5.428	346	19.59	134
19.8	60.56	79	32.96	28	5.774	349	18.25	75
März 1.8	61.35	77	33.24	67	6.123	343	17.50	15
11.7	62.12	75	33.91	103	6.466	329	17.35	47
21.7	62.87	72	34.94	137	6.795	309	17.82	103
31.7	63.59	66	36.31	166	7.104	285	18.85	156
Apr. 10.6	64.25	62	37.97	192	7.389	254	20.41	202
20.6	64.87	54	39.89	215	7.643	220	22.43	238
30.6	65.41	47	42.04	231	7.863	182	24.81	266
Mai 10.6	65.88	39	44.35	244	8.045	142	27.47	284
20.5	66.27	30	46.79	252	8.187	100	30.31	294
30.5	66.57	20	49.31	252	8.287	56	33.25	293
Juni 9.5	66.77	10	51.83	248	8.343	11	36.18	284
19.5	66.87	0	54.31	237	8.354	34	39.02	268
29.4	66.87	11	56.68	219	8.320	77	41.70	246
Juli 9.4	66.76	19	58.87	194	8.243	119	44.16	216
19.4	66.57	29	60.81	165	8.124	156	46.32	182
29.3	66.28	36	62.46	127	7.968	190	48.14	144
Aug. 8.3	65.92	43	63.73	87	7.778	217	49.58	104
18.3	65.49	48	64.60	42	7.561	239	50.62	61
28.3	65.01	51	65.02	6	7.322	251	51.23	16
Sept. 7.2	64.50	51	64.96	53	7.071	254	51.39	29
17.2	63.99	49	64.43	101	6.817	247	51.10	75
27.2	63.50	45	63.42	146	6.570	230	50.35	119
Okt. 7.2	63.05	38	61.96	185	6.340	203	49.16	162
17.1	62.67	29	60.11	219	6.137	166	47.54	204
27.1	62.38	19	57.92	244	5.971	120	45.50	240
Nov. 6.1	62.19	6	55.48	259	5.851	67	43.10	272
16.0	62.13	6	52.89	265	5.784	11	40.38	299
26.0	62.19	19	50.24	262	5.773	48	37.39	318
Dez. 6.0	62.38	31	47.62	247	5.821	107	34.21	327
16.0	62.69	43	45.15	226	5.928	163	30.94	326
25.9	63.12	54	42.89	196	6.091	215	27.68	316
35.9	63.66		40.93		6.306		24.52	
Mittl. Ort	58.08		44.39		5.059		39.20	
sec δ, tg δ	2.775		−2.589		1.288		+0.812	

Mittlere Zeit Greenw.	627) Gr. 2377 AR.		627) Dekl.		628) ε Scorpii AR.		628) Dekl.	
1918	16h 43m		+56° 55′		16h 44m		−34° 8′	
	s		″		s		″	
Jan. 0.9	42.595	280	29.61	329	50.837	295	41.49	12
10.9	42.875	340	26.32	294	51.132	326	41.37	5
20.9	43.215	389	23.38	249	51.458	348	41.42	21
30.8	43.604	425	20.89	196	51.806	362	41.63	36
Feb. 9.8	44.029	448	18.93	134	52.168	368	41.99	48
19.8	44.477	457	17.59	69	52.536	366	42.47	56
März 1.8	44.934	453	16.90	1	52.902	360	43.03	62
11.7	45.387	437	16.89	66	53.262	349	43.65	68
21.7	45.824	409	17.55	128	53.611	332	44.33	70
31.7	46.233	371	18.83	186	53.943	314	45.03	72
Apr. 10.6	46.604	326	20.69	234	54.257	292	45.75	73
20.6	46.930	273	23.03	274	54.549	266	46.48	75
30.6	47.203	216	25.77	304	54.815	236	47.23	75
Mai 10.6	47.419	153	28.81	323	55.051	204	47.98	75
20.5	47.572	90	32.04	331	55.255	169	48.73	76
30.5	47.662	23	35.35	330	55.424	129	49.49	74
Juni 9.5	47.685	41	38.65	320	55.553	87	50.23	72
19.5	47.644	104	41.85	300	55.640	44	50.95	67
29.4	47.540	165	44.85	272	55.684	1	51.62	62
Juli 9.4	47.375	222	47.57	239	55.683	45	52.24	52
19.4	47.153	273	49.96	200	55.638	87	52.76	42
29.3	46.880	316	51.96	156	55.551	124	53.18	28
Aug. 8.3	46.564	352	53.52	110	55.427	157	53.46	13
18.3	46.212	377	54.62	60	55.270	182	53.59	5
28.3	45.835	393	55.22	10	55.088	198	53.54	22
Sept. 7.2	45.442	396	55.32	43	54.890	203	53.32	39
17.2	45.046	387	54.89	93	54.687	196	52.93	57
27.2	44.659	364	53.96	143	54.491	179	52.36	72
Okt. 7.2	44.295	329	52.53	191	54.312	149	51.64	83
17.1	43.966	282	50.62	236	54.163	109	50.81	91
27.1	43.684	222	48.26	275	54.054	61	49.90	95
Nov. 6.1	43.462	155	45.51	310	53.993	5	48.95	92
16.0	43.307	78	42.41	336	53.988	53	48.03	86
26.0	43.229	0	39.05	354	54.041	112	47.17	76
Dez. 6.0	43.229	82	35.51	363	54.153	169	46.41	60
16.0	43.311	162	31.88	358	54.322	221	45.81	43
25.9	43.473	236	28.30	344	54.543	267	45.38	25
35.9	43.709		24.86		54.810		45.13	
Mittl. Ort	44.397		40.59		50.898		43.70	
sec δ, tg δ	1.832		+1.536		1.208		−0.678	

Mittlere Zeit Greenw.	629) 49 Herculis AR.	Diff.	629) 49 Herculis Dekl.	Diff.	630) ζ^2 Scorpii AR.	Diff.	630) ζ^2 Scorpii Dekl.	Diff.
1918	$16^h\ 48^m$		$+15°\ 6'$		$16^h\ 48^m$		$-42°\ 13'$	
Jan. 0.9	20.518	228	33.35	230	48.338	320	16.20	59
10.9	20.746	259	31.05	215	48.658	356	15.61	36
20.9	21.005	280	28.90	192	49.014	382	15.25	13
30.8	21.285	294	26.98	160	49.396	399	15.12	7
Feb. 9.8	21.579	302	25.38	124	49.795	407	15.19	27
19.8	21.881	302	24.14	83	50.202	406	15.46	44
März 1.8	22.183	297	23.31	38	50.608	401	15.90	58
11.7	22.480	288	22.93	6	51.009	389	16.48	72
21.7	22.768	274	22.99	50	51.398	372	17.20	83
31.7	23.042	256	23.49	89	51.770	352	18.03	92
Apr. 10.7	23.298	236	24.38	125	52.122	328	18.95	100
20.6	23.534	212	25.63	154	52.450	299	19.95	107
30.6	23.746	185	27.17	177	52.749	266	21.02	113
Mai 10.6	23.931	156	28.94	193	53.015	230	22.15	117
20.5	24.087	124	30.87	202	53.245	189	23.32	119
30.5	24.211	91	32.89	204	53.434	145	24.51	119
Juni 9.5	24.302	55	34.93	201	53.579	98	25.70	117
19.5	24.357	18	36.94	191	53.677	49	26.87	111
29.4	24.375	19	38.85	177	53.726	1	27.98	103
Juli 9.4	24.356	55	40.62	160	53.725	51	29.01	91
19.4	24.301	89	42.22	138	53.674	98	29.92	75
29.4	24.212	120	43.60	114	53.576	140	30.67	56
Aug. 8.3	24.092	146	44.74	89	53.436	177	31.23	35
18.3	23.946	168	45.63	61	53.259	205	31.58	11
28.3	23.778	180	46.24	32	53.054	223	31.69	14
Sept. 7.2	23.598	185	46.56	2	52.831	229	31.55	40
17.2	23.413	181	46.58	27	52.602	223	31.15	65
27.2	23.232	168	46.31	58	52.379	204	30.50	88
Okt. 7.2	23.064	145	45.73	89	52.175	171	29.62	107
17.1	22.919	114	44.84	118	52.004	128	28.55	123
27.1	22.805	75	43.66	147	51.876	75	27.32	132
Nov. 6.1	22.730	29	42.19	174	51.801	13	26.00	136
16.1	22.701	19	40.45	197	51.788	50	24.64	133
26.0	22.720	69	38.48	216	51.838	117	23.31	124
Dez. 6.0	22.789	117	36.32	230	51.955	179	22.07	111
16.0	22.906	163	34.02	236	52.134	236	20.96	94
25.9	23.069	203	31.66	234	52.370	291	20.02	73
35.9	23.272		29.32		52.661		19.29	
Mittl. Ort	20.810		39.09		48.479		19.50	
sec δ, tg δ	1.036		+0.270		1.350		−0.907	

Mittlere Zeit Greenw.	631) ζ Arae AR.	Diff.	631) ζ Arae Dekl.	Diff.	633) κ Ophiuchi AR.	Diff.	633) κ Ophiuchi Dekl.	Diff.
1918	$16^h\ 51^m$		$-55°\ 51'$		$16^h\ 53^m$		$+9°\ 29'$	
Jan. 0.9	49.278	396	38.53	131	46.924	225	60.93	205
10.9	49.674	446	37.22	101	47.149	254	58.88	194
20.9	50.120	482	36.21	69	47.403	276	56.94	176
30.8	50.602	507	35.52	37	47.679	290	55.18	149
Feb. 9.8	51.109	520	35.15	5	47.969	297	53.69	118
19.8	51.629	523	35.10	24	48.266	299	52.51	82
März 1.8	52.152	517	35.34	52	48.565	295	51.69	42
11.7	52.669	503	35.86	78	48.860	286	51.27	3
21.7	53.172	483	36.64	103	49.146	273	51.24	37
31.7	53.655	456	37.67	123	49.419	258	51.61	72
Apr. 10.7	54.111	424	38.90	142	49.677	238	52.33	105
20.6	54.535	386	40.32	158	49.915	216	53.38	131
30.6	54.921	340	41.90	172	50.131	191	54.69	152
Mai 10.6	55.261	292	43.62	181	50.322	163	56.21	167
20.5	55.553	236	45.43	188	50.485	132	57.88	176
30.5	55.789	177	47.31	190	50.617	100	59.64	178
Juni 9.5	55.966	114	49.21	188	50.717	65	61.42	176
19.5	56.080	47	51.09	181	50.782	28	63.18	169
29.4	56.127	18	52.90	168	50.810	8	64.87	156
Juli 9.4	56.109	83	54.58	151	50.802	44	66.43	142
19.4	56.026	144	56.09	129	50.758	79	67.85	124
29.4	55.882	201	57.38	101	50.679	111	69.09	103
Aug. 8.3	55.681	247	58.39	70	50.568	138	70.12	82
18.3	55.434	283	59.09	36	50.430	159	70.94	59
28.3	55.151	307	59.45	2	50.271	173	71.53	35
Sept. 7.2	54.844	314	59.43	40	50.098	179	71.88	10
17.2	54.530	306	59.03	78	49.919	176	71.98	16
27.2	54.224	282	58.25	113	49.743	164	71.82	42
Okt. 7.2	53.942	240	57.12	144	49.579	141	71.40	68
17.1	53.702	185	55.68	171	49.438	111	70.72	95
27.1	53.517	116	53.97	190	49.327	73	69.77	120
Nov. 6.1	53.401	39	52.07	202	49.254	28	68.57	144
16.1	53.362	45	50.05	206	49.226	19	67.13	167
26.0	53.407	129	47.99	201	49.245	68	65.46	185
Dez. 6.0	53.536	211	45.98	190	49.313	116	63.61	199
16.0	53.747	287	44.08	172	49.429	160	61.62	207
25.9	54.034	355	42.36	147	49.589	201	59.55	208
35.9	54.389		40.89		49.790		57.47	
Mittl. Ort	49.697		43.43		47.158		65.58	
sec δ, tg δ	1.782		−1.475		1.014		+0.167	

Mittlere Zeit Greenw.	634) ε Herculis AR.		634) ε Herculis Dekl.		637) η Ophiuchi AR.		637) η Ophiuchi Dekl.		639) ζ Draconis AR.		639) ζ Draconis Dekl.		640) α Herculis AR.		640) α Herculis Dekl.	
1918	$16^h 57^m$		$+31° 2'$		$17^h 5^m$		$-15° 37'$		$17^h 8^m$		$+65° 48'$		$17^h 10^m$		$+14° 28'$	
Jan. 0.9	8.473	221	39.57	286	40.325	239	28.76	74	29.75	28	47.03	340	54.117	209	53.70	225
10.9	8.694	258	36.71	264	40.564	269	29.50	79	30.03	36	43.63	310	54.326	241	51.45	211
20.9	8.952	286	34.07	231	40.833	290	30.29	80	30.39	44	40.53	269	54.567	265	49.34	191
30.9	9.238	306	31.76	190	41.123	306	31.09	75	30.83	51	37.84	217	54.832	283	47.43	162
Feb. 9.8	9.544	319	29.86	142	41.429	313	31.84	69	31.34	54	35.67	157	55.115	294	45.81	128
19.8	9.863	323	28.44	88	41.742	316	32.53	57	31.88	57	34.10	93	55.409	299	44.53	86
März 1.8	10.186	321	27.56	33	42.058	312	33.10	44	32.45	58	33.17	24	55.708	298	43.67	44
11.7	10.507	311	27.23	25	42.370	306	33.54	29	33.03	57	32.93	44	56.006	292	43.23	1
21.7	10.818	298	27.48	78	42.676	296	33.83	14	33.60	55	33.37	109	56.298	282	43.24	44
31.7	11.116	278	28.26	129	42.972	282	33.97	1	34.15	50	34.46	169	56.580	267	43.68	85
Apr. 10.7	11.394	254	29.55	173	43.254	265	33.96	14	34.65	44	36.15	223	56.847	250	44.53	121
20.6	11.648	226	31.28	210	43.519	244	33.82	24	35.09	38	38.38	267	57.097	229	45.74	151
30.6	11.874	195	33.38	238	43.763	222	33.58	33	35.47	31	41.05	301	57.326	204	47.25	175
Mai 10.6	12.069	161	35.76	259	43.985	195	33.25	39	35.78	22	44.06	325	57.530	177	49.00	194
20.6	12.230	123	38.35	270	44.180	166	32.86	42	36.00	13	47.31	340	57.707	146	50.94	204
30.5	12.353	84	41.05	273	44.346	132	32.44	42	36.13	5	50.71	342	57.853	112	52.98	207
Juni 9.5	12.437	44	43.78	268	44.478	97	32.02	43	36.18	5	54.13	335	57.965	76	55.05	206
19.5	12.481	2	46.46	256	44.575	58	31.59	40	36.13	13	57.48	321	58.041	39	57.11	198
29.4	12.483	40	49.02	237	44.633	20	31.19	37	36.00	22	60.69	296	58.080	0	59.09	185
Juli 9.4	12.443	80	51.39	213	44.653	20	30.82	34	35.78	30	63.65	265	58.080	37	60.94	168
19.4	12.363	117	53.52	183	44.633	58	30.48	32	35.48	37	66.30	229	58.043	75	62.62	148
29.4	12.246	152	55.35	151	44.575	93	30.16	29	35.11	43	68.59	186	57.968	108	64.10	125
Aug. 8.3	12.094	181	56.86	115	44.482	124	29.87	27	34.68	48	70.45	141	57.860	137	65.35	100
18.3	11.913	203	58.01	77	44.358	149	29.60	26	34.20	52	71.86	91	57.723	162	66.35	72
28.3	11.710	219	58.78	37	44.209	166	29.34	25	33.68	55	72.77	41	57.561	178	67.07	45
Sept. 7.3	11.491	225	59.15	4	44.043	174	29.09	24	33.13	56	73.18	12	57.383	187	67.52	15
17.2	11.266	221	59.11	46	43.869	173	28.85	22	32.57	55	73.06	65	57.196	186	67.67	15
27.2	11.045	209	58.65	87	43.696	162	28.63	19	32.02	54	72.41	117	57.010	176	67.52	45
Okt. 7.2	10.836	185	57.78	127	43.534	139	28.44	16	31.48	49	71.24	166	56.834	156	67.07	75
17.1	10.651	153	56.51	166	43.395	108	28.28	9	30.99	44	69.58	215	56.678	128	66.32	104
27.1	10.498	113	54.85	203	43.287	69	28.19	1	30.55	38	67.43	257	56.550	92	65.28	134
Nov. 6.1	10.385	66	52.82	234	43.218	23	28.18	9	30.17	29	64.86	296	56.458	49	63.94	161
16.1	10.319	13	50.48	263	43.195	26	28.27	22	29.88	20	61.90	327	56.409	2	62.33	184
26.0	10.306	40	47.85	282	43.221	77	28.49	34	29.68	10	58.63	349	56.407	47	60.49	205
Dez. 6.0	10.346	94	45.03	297	43.298	127	28.83	47	29.58	0	55.14	362	56.454	95	58.44	219
16.0	10.440	146	42.06	300	43.425	173	29.30	59	29.58	12	51.52	364	56.549	142	56.25	228
26.0	10.586	192	39.06	295	43.598	213	29.89	70	29.70	21	47.88	352	56.691	183	53.97	228
35.9	10.778		36.11		43.811		30.59		29.91		44.36		56.874		51.69	
Mittl. Ort	9.104		46.91		40.414		28.13		32.78		55.98		54.460		58.22	
sec δ, tg δ	1.167		+0.602		1.038		−0.280		2.441		+2.227		1.033		+0.258	

Mittlere Zeit Greenw.	641) δ Herculis AR.		641) δ Herculis Dekl.		643) π Herculis AR.		643) π Herculis Dekl.	
1918	$17^h\ 11^m$		$+24°\ 55'$		$17^h\ 12^m$		$+36°\ 53'$	
	s		"		s		"	
Jan. 0.9	39.246	206	60.58	267	10.580	208	56.23	304
10.9	39.452	241	57.91	249	10.788	250	53.19	282
20.9	39.693	269	55.42	222	11.038	283	50.37	249
30.9	39.962	290	53.20	186	11.321	309	47.88	206
Feb. 9.8	40.252	302	51.34	143	11.630	326	45.82	155
19.8	40.554	310	49.91	95	11.956	336	44.27	100
März 1.8	40.864	309	48.96	43	12.292	336	43.27	40
11.7	41.173	303	48.53	9	12.628	331	42.87	19
21.7	41.476	292	48.62	61	12.959	318	43.06	78
31.7	41.768	277	49.23	108	13.277	299	43.84	132
Apr. 10.7	42.045	256	50.31	150	13.576	276	45.16	180
20.6	42.301	234	51.81	188	13.852	247	46.96	222
30.6	42.535	206	53.69	215	14.099	215	49.18	253
Mai 10.6	42.741	175	55.84	236	14.314	177	51.71	277
20.6	42.916	141	58.20	249	14.491	138	54.48	291
30.5	43.057	105	60.69	253	14.629	95	57.39	295
Juni 9.5	43.162	66	63.22	250	14.724	51	60.34	293
19.5	43.228	26	65.72	241	14.775	6	63.27	281
29.4	43.254	15	68.13	226	14.781	40	66.08	263
Juli 9.4	43.239	54	70.39	204	14.741	84	68.71	237
19.4	43.185	92	72.43	179	14.657	125	71.08	208
29.4	43.093	127	74.22	150	14.532	163	73.16	174
Aug. 8.3	42.966	158	75.72	119	14.369	196	74.90	135
18.3	42.808	182	76.91	84	14.173	222	76.25	94
28.3	42.626	199	77.75	48	13.951	240	77.19	51
Sept. 7.3	42.427	208	78.23	12	13.711	249	77.70	8
17.2	42.219	207	78.35	27	13.462	248	77.78	38
27.2	42.012	197	78.08	64	13.214	237	77.40	82
Okt. 7.2	41.815	178	77.44	101	12.977	216	76.58	126
17.1	41.637	147	76.43	138	12.761	184	75.32	169
27.1	41.490	111	75.05	172	12.577	144	73.63	208
Nov. 6.1	41.379	66	73.33	205	12.433	96	71.55	243
16.1	41.313	18	71.28	231	12.337	44	69.12	274
26.0	41.295	34	68.97	253	12.293	13	66.38	297
Dez. 6.0	41.329	84	66.44	268	12.306	70	63.41	312
16.0	41.413	134	63.76	275	12.376	126	60.29	318
26.0	41.547	178	61.01	273	12.502	176	57.11	312
35.9	41.725		58.28		12.678		53.99	
Mittl. Ort	39.775		66.25		11.430		63.04	
sec δ, tg δ	1.103		+0.465		1.251		+0.751	

Mittlere Zeit Greenw.	644) ϑ Ophiuchi AR.		644) ϑ Ophiuchi Dekl.		645) β Arae AR.		645) β Arae Dekl.	
1918	$17^h\ 16^m$		$-24°\ 55'$		$17^h\ 18^m$		$-55°\ 27'$	
	s		"		s		"	
Jan. 0.9	58.185	244	7.15	16	28.269	356	10.11	152
10.9	58.429	277	7.31	25	28.625	409	8.59	128
20.9	58.706	301	7.56	32	29.034	452	7.31	99
30.9	59.007	319	7.88	37	29.486	483	6.32	71
Feb. 9.8	59.326	329	8.25	39	29.969	502	5.61	42
19.8	59.655	334	8.64	37	30.471	513	5.19	14
März 1.8	59.989	332	9.01	33	30.984	514	5.05	14
11.7	60.321	328	9.34	29	31.498	507	5.19	41
21.7	60.649	318	9.63	23	32.005	494	5.60	65
31.7	60.967	305	9.86	18	32.499	473	6.25	88
Apr. 10.7	61.272	290	10.04	13	32.972	447	7.13	109
20.6	61.562	270	10.17	10	33.419	414	8.22	128
30.6	61.832	246	10.27	7	33.833	374	9.50	145
Mai 10.6	62.078	219	10.34	7	34.207	327	10.95	160
20.6	62.297	188	10.41	7	34.534	276	12.55	170
30.5	62.485	153	10.48	9	34.810	219	14.25	178
Juni 9.5	62.638	115	10.57	10	35.029	156	16.03	181
19.5	62.753	75	10.67	11	35.185	90	17.84	179
29.4	62.828	31	10.78	13	35.275	23	19.63	173
Juli 9.4	62.859	10	10.91	12	35.298	43	21.36	160
19.4	62.849	53	11.03	10	35.253	111	22.96	143
29.4	62.796	91	11.13	7	35.142	171	24.39	120
Aug. 8.3	62.705	125	11.20	2	34.971	223	25.59	93
18.3	62.580	155	11.22	4	34.748	267	26.52	61
28.3	62.425	175	11.18	12	34.481	297	27.13	25
Sept. 7.3	62.250	185	11.06	20	34.184	313	27.38	11
17.2	62.065	185	10.86	28	33.871	313	27.27	49
27.2	61.880	175	10.58	35	33.558	296	26.78	86
Okt. 7.2	61.705	154	10.23	40	33.262	263	25.92	120
17.1	61.551	121	9.83	43	32.999	214	24.72	149
27.1	61.430	82	9.40	44	32.785	152	23.23	174
Nov. 6.1	61.348	33	8.96	40	32.633	79	21.49	190
16.1	61.315	18	8.56	34	32.554	0	19.59	201
26.0	61.333	71	8.22	25	32.554	83	17.58	202
Dez. 6.0	61.404	123	7.97	15	32.637	164	15.56	197
16.0	61.527	173	7.82	3	32.801	242	13.59	184
26.0	61.700	217	7.79	9	33.043	312	11.75	167
35.9	61.917		7.88		33.355		10.08	
Mittl. Ort	58.294		7.75		28.768		13.98	
sec δ, tg δ	1.103		−0.465		1.763		−1.453	

Mittlere Zeit Greenw.	648) δ Arae AR.		648) δ Arae Dekl.		651) α Arae AR.		651) α Arae Dekl.		652) λ Scorpii AR.		652) λ Scorpii Dekl.		653) β Draconis AR.		653) β Draconis Dekl.	
1918	$17^h\ 23^m$		$-60°\ 36'$		$17^h\ 25^m$		$-49°\ 48'$		$17^h\ 28^m$		$-37°\ 2'$		$17^h\ 28^m$		$+52°\ 21'$	
Jan. 0.9	40.84	39	56.80	181	29.622	312	42.30	129	2.074	262	40.87	60	33.101	200	35.31	338
10.9	41.23	46	54.99	155	29.934	361	41.01	108	2.336	300	40.27	46	33.301	259	31.93	314
20.9	41.69	50	53.44	126	30.295	398	39.93	84	2.636	329	39.81	31	33.560	311	28.79	278
30.9	42.19	54	52.18	94	30.693	425	39.09	61	2.965	352	39.50	18	33.871	352	26.01	233
Feb. 9.8	42.73	57	51.24	62	31.118	444	38.48	37	3.317	366	39.32	5	34.223	383	23.68	178
19.8	43.30	59	50.62	29	31.562	454	38.11	14	3.683	373	39.27	6	34.606	404	21.90	118
März 1.8	43.89	58	50.33	3	32.016	456	37.97	9	4.056	375	39.33	15	35.010	412	20.72	52
11.8	44.47	58	50.36	34	32.472	452	38.06	29	4.431	371	39.48	23	35.422	410	20.20	14
21.7	45.05	57	50.70	63	32.924	441	38.35	50	4.802	363	39.71	31	35.832	398	20.34	79
31.7	45.62	54	51.33	91	33.365	424	38.85	67	5.165	351	40.02	37	36.230	376	21.13	140
Apr. 10.7	46.16	52	52.24	116	33.789	403	39.52	85	5.516	334	40.39	44	36.606	346	22.53	194
20.6	46.68	47	53.40	140	34.192	376	40.37	102	5.850	313	40.83	50	36.952	309	24.47	241
30.6	47.15	44	54.80	159	34.568	343	41.39	115	6.163	287	41.33	58	37.261	265	26.88	279
Mai 10.6	47.59	37	56.39	178	34.911	304	42.54	129	6.450	257	41.91	64	37.526	214	29.67	308
20.6	47.96	32	58.17	191	35.215	259	43.83	138	6.707	222	42.55	69	37.740	161	32.75	326
30.5	48.28	25	60.08	200	35.474	210	45.21	146	6.929	183	43.24	75	37.901	103	36.01	333
Juni 9.5	48.53	18	62.08	205	35.684	155	46.67	150	7.112	140	43.99	78	38.004	43	39.34	333
19.5	48.71	10	64.13	204	35.839	98	48.17	150	7.252	92	44.77	79	38.047	17	42.67	322
29.5	48.81	2	66.17	197	35.937	37	49.67	146	7.344	44	45.56	79	38.030	76	45.89	303
Juli 9.4	48.83	5	68.14	184	35.974	22	51.13	137	7.388	5	46.35	75	37.954	134	48.92	278
19.4	48.78	13	69.98	167	35.952	82	52.50	123	7.383	54	47.10	68	37.820	188	51.70	245
29.4	48.65	20	71.65	141	35.870	136	53.73	105	7.329	99	47.78	58	37.632	237	54.15	208
Aug. 8.3	48.45	27	73.06	111	35.734	185	54.78	83	7.230	140	48.36	44	37.395	279	56.23	166
18.3	48.18	31	74.17	77	35.549	225	55.61	55	7.090	173	48.80	29	37.116	314	57.89	121
28.3	47.87	35	74.94	37	35.324	254	56.16	26	6.917	198	49.09	10	36.802	338	59.10	72
Sept. 7.3	47.52	37	75.31	3	35.070	270	56.42	6	6.719	212	49.19	10	36.464	351	59.82	22
17.2	47.15	37	75.28	46	34.800	273	56.36	39	6.507	215	49.09	30	36.113	354	60.04	28
27.2	46.78	35	74.82	86	34.527	259	55.97	71	6.292	205	48.79	50	35.759	344	59.76	80
Okt. 7.2	46.43	32	73.96	126	34.268	231	55.26	100	6.087	183	48.29	67	35.415	322	58.96	130
17.2	46.11	26	72.70	159	34.037	190	54.26	126	5.904	148	47.62	83	35.093	287	57.66	178
27.1	45.85	19	71.11	189	33.847	136	53.00	148	5.756	105	46.79	94	34.806	241	55.88	223
Nov. 6.1	45.66	11	69.22	210	33.711	73	51.52	163	5.651	53	45.85	101	34.565	186	53.65	263
16.1	45.55	2	67.12	223	33.638	2	49.89	171	5.598	5	44.84	103	34.379	123	51.02	299
26.0	45.53	7	64.89	228	33.636	70	48.18	172	5.603	64	43.81	100	34.256	54	48.03	325
Dez. 6.0	45.60	17	62.61	225	33.706	142	46.46	168	5.667	123	42.81	93	34.202	17	44.78	343
16.0	45.77	26	60.36	213	33.848	211	44.78	157	5.790	178	41.88	83	34.219	89	41.35	351
26.0	46.03	34	58.23	196	34.059	274	43.21	141	5.968	230	41.05	69	34.308	158	37.84	346
35.9	46.37		56.27		34.333		41.80		6.198		40.36		34.466		34.38	
Mittl. Ort	41.56		60.89		29.991		45.41		2.265		42.69		34.753		41.68	
sec δ, tg δ	2.038		−1.776		1.550		−1.184		1.253		−0.755		1.637		+1.297	

Mittlere Zeit Greenw.	656) α Ophiuchi AR.		656) α Ophiuchi Dekl.		654) ϑ Scorpii AR.		654) ϑ Scorpii Dekl.	
1918	$17^h 31^m$		$+12° 36'$		$17^h 31^m$		$-42° 56'$	
	s		″		s		″	
Jan. 0.9	7.277	192	64.13	214	25.168	276	46.96	97
10.9	7.469	225	61.99	204	25.444	319	45.99	79
20.9	7.694	251	59.95	185	25.763	352	45.20	61
30.9	7.945	272	58.10	160	26.115	377	44.59	43
Feb. 9.8	8.217	285	56.50	126	26.492	394	44.16	26
19.8	8.502	293	55.24	89	26.886	403	43.90	9
März 1.8	8.795	296	54.35	48	27.289	406	43.81	7
11.8	9.091	293	53.87	5	27.695	402	43.88	20
21.7	9.384	287	53.82	37	28.097	395	44.08	34
31.7	9.671	276	54.19	77	28.492	381	44.42	46
Apr. 10.7	9.947	261	54.96	113	28.873	364	44.88	59
20.7	10.208	243	56.09	144	29.237	341	45.47	69
30.6	10.451	221	57.53	168	29.578	314	46.16	81
Mai 10.6	10.672	195	59.21	187	29.892	280	46.97	91
20.6	10.867	165	61.08	198	30.172	242	47.88	100
30.5	11.032	133	63.06	204	30.414	199	48.88	105
Juni 9.5	11.165	97	65.10	202	30.613	152	49.93	110
19.5	11.262	59	67.12	196	30.765	101	51.03	112
29.5	11.321	20	69.08	185	30.866	47	52.15	111
Juli 9.4	11.341	19	70.93	169	30.913	7	53.26	105
19.4	11.322	58	72.62	150	30.906	59	54.31	96
29.4	11.264	94	74.12	129	30.847	109	55.27	82
Aug. 8.4	11.170	125	75.41	105	30.738	153	56.09	65
18.3	11.045	152	76.46	79	30.585	190	56.74	45
28.3	10.893	172	77.25	53	30.395	218	57.19	21
Sept. 7.3	10.721	184	77.78	25	30.177	234	57.40	4
17.2	10.537	187	78.03	3	29.943	237	57.36	31
27.2	10.350	179	78.00	32	29.706	227	57.05	55
Okt. 7.2	10.171	163	77.68	61	29.479	204	56.50	80
17.2	10.008	137	77.07	90	29.275	168	55.70	101
27.1	9.871	104	76.17	117	29.107	120	54.69	117
Nov. 6.1	9.767	63	75.00	144	28.987	65	53.52	128
16.1	9.704	17	73.56	168	28.922	3	52.24	134
26.1	9.687	29	71.88	188	28.919	61	50.90	135
Dez. 6.0	9.716	77	70.00	205	28.980	125	49.55	130
16.0	9.793	123	67.95	213	29.105	186	48.25	119
26.0	9.916	165	65.82	217	29.291	241	47.06	107
35.9	10.081		63.65		29.532		45.99	
Mittl. Ort	7.635		67.43		25.431		49.25	
sec δ, tg δ	1.025		+0.224		1.366		−0.931	

Mittlere Zeit Greenw.	658) ξ Serpentis AR.		658) ξ Serpentis Dekl.		663) ι Herculis AR.		663) ι Herculis Dekl.	
1918	$17^h 32^m$		$-15° 20'$		$17^h 37^m$		$+46° 2'$	
	s		″		s		″	
Jan. 0.9	53.255	214	53.44	63	7.671	182	52.07	328
10.9	53.469	246	54.07	66	7.853	235	48.79	307
20.9	53.715	272	54.73	66	8.088	280	45.72	276
30.9	53.987	290	55.39	62	8.368	316	42.96	233
Feb. 9.8	54.277	303	56.01	53	8.684	344	40.63	181
19.8	54.580	309	56.54	43	9.028	362	38.82	124
März 1.8	54.889	311	56.97	28	9.390	371	37.58	61
11.8	55.200	309	57.25	14	9.761	371	36.97	4
21.7	55.509	302	57.39	2	10.132	363	37.01	66
31.7	55.811	293	57.37	16	10.495	346	37.67	126
Apr. 10.7	56.104	279	57.21	29	10.841	322	38.93	181
20.7	56.383	263	56.92	39	11.163	293	40.74	227
30.6	56.646	243	56.53	47	11.456	256	43.01	265
Mai 10.6	56.889	218	56.06	52	11.712	214	45.66	294
20.6	57.107	189	55.54	54	11.926	169	48.60	314
30.5	57.296	157	55.00	54	12.095	119	51.74	323
Juni 9.5	57.453	122	54.46	51	12.214	67	54.97	323
19.5	57.575	83	53.95	47	12.281	14	58.20	316
29.5	57.658	43	53.48	42	12.295	40	61.36	299
Juli 9.4	57.701	2	53.06	38	12.255	92	64.35	275
19.4	57.703	39	52.68	32	12.163	142	67.10	245
29.4	57.664	77	52.36	28	12.021	188	69.55	211
Aug. 8.4	57.587	111	52.08	24	11.833	227	71.66	171
18.3	57.476	140	51.84	21	11.606	260	73.37	128
28.3	57.336	161	51.63	18	11.346	285	74.65	81
Sept. 7.3	57.175	175	51.45	17	11.061	299	75.46	35
17.2	57.000	177	51.28	15	10.762	304	75.81	15
27.2	56.823	171	51.13	13	10.458	296	75.66	64
Okt. 7.2	56.652	153	51.00	9	10.162	278	75.02	113
17.2	56.499	125	50.91	5	9.884	247	73.89	160
27.1	56.374	90	50.86	2	9.637	207	72.29	204
Nov. 6.1	56.284	47	50.88	11	9.430	159	70.25	245
16.1	56.237	1	50.99	19	9.271	102	67.80	280
26.1	56.238	49	51.18	31	9.169	42	65.00	308
Dez. 6.0	56.287	99	51.49	41	9.127	22	61.92	328
16.0	56.386	146	51.90	51	9.149	84	58.64	337
26.0	56.532	187	52.41	60	9.233	146	55.27	335
35.9	56.719		53.01		9.379		51.92	
Mittl. Ort	53.398		52.99		8.968		57.34	
sec δ, tg δ	1.037		−0.274		1.441		+1.037	

Mittlere Zeit Greenw.	664) ω Draconis AR.		664) ω Draconis Dekl.		661) η Pavonis AR.		661) η Pavonis Dekl.		665) β Ophiuchi AR.		665) β Ophiuchi Dekl.		667) μ Herculis AR.		667) μ Herculis Dekl.	
1918	17h 37m		+68° 47′		17h 37m		−64° 40′		17h 39m		+4° 35′		17h 43m		+27° 45′	
Jan. 1.0	21.99	22	39.63	346	39.84	41	66.42	212	24.986	188	59.57	171	14.233	174	60.38	277
10.9	22.21	33	36.17	324	40.25	48	64.30	188	25.174	221	57.86	165	14.407	212	57.61	263
20.9	22.54	41	32.93	288	40.73	55	62.42	157	25.395	248	56.21	152	14.619	246	54.98	239
30.9	22.96	51	30.05	243	41.28	59	60.85	126	25.643	267	54.69	132	14.865	271	52.59	204
Feb. 9.8	23.47	57	27.62	187	41.87	63	59.59	92	25.910	282	53.37	107	15.136	291	50.55	162
19.8	24.04	62	25.75	125	42.50	66	58.67	57	26.192	289	52.30	75	15.427	304	48.93	114
März 1.8	24.66	64	24.50	58	43.16	66	58.10	21	26.481	293	51.55	43	15.731	310	47.79	61
11.8	25.30	65	23.92	9	43.82	66	57.89	12	26.774	292	51.12	6	16.041	310	47.18	8
21.7	25.95	62	24.01	77	44.48	65	58.01	46	27.066	287	51.06	28	16.351	305	47.10	47
31.7	26.57	59	24.78	140	45.13	63	58.47	76	27.353	278	51.34	62	16.656	294	47.57	98
Apr. 10.7	27.16	55	26.18	196	45.76	60	59.23	107	27.631	265	51.96	91	16.950	279	48.55	145
20.7	27.71	47	28.14	246	46.36	56	60.30	135	27.896	249	52.87	118	17.229	259	50.00	184
30.6	28.18	39	30.60	286	46.92	51	61.65	159	28.145	229	54.05	138	17.488	233	51.84	218
Mai 10.6	28.57	31	33.46	316	47.43	44	63.24	181	28.374	205	55.43	153	17.721	205	54.02	244
20.6	28.88	21	36.62	337	47.87	38	65.05	198	28.579	177	56.96	163	17.926	171	56.46	259
30.5	29.09	11	39.99	348	48.25	30	67.03	211	28.756	146	58.59	167	18.097	134	59.05	269
Juni 9.5	29.20	0	43.47	345	48.55	23	69.14	218	28.902	111	60.26	165	18.231	95	61.74	270
19.5	29.20	10	46.92	337	48.78	13	71.32	222	29.013	74	61.91	161	18.326	53	64.44	262
29.5	29.10	19	50.29	318	48.91	4	73.54	216	29.087	34	63.52	150	18.379	9	67.06	251
Juli 9.4	28.91	30	53.47	294	48.95	4	75.70	206	29.121	4	65.02	139	18.388	33	69.57	230
19.4	28.61	38	56.41	261	48.91	14	77.76	189	29.117	44	66.41	122	18.355	76	71.87	207
29.4	28.23	46	59.02	223	48.77	22	79.65	165	29.073	80	67.63	107	18.279	115	73.94	178
Aug. 8.4	27.77	52	61.25	180	48.55	29	81.30	134	28.993	113	68.70	87	18.164	149	75.72	146
18.3	27.25	58	63.05	133	48.26	36	82.64	99	28.880	141	69.57	68	18.015	179	77.18	112
28.3	26.67	62	64.38	84	47.90	39	83.63	59	28.739	162	70.25	47	17.836	202	78.30	74
Sept. 7.3	26.05	64	65.22	32	47.51	43	84.22	15	28.577	175	70.72	27	17.634	215	79.04	37
17.2	25.41	66	65.54	20	47.08	44	84.37	30	28.402	179	70.99	5	17.419	220	79.41	5
27.2	24.75	63	65.34	74	46.64	42	84.07	76	28,223	173	71.04	16	17.199	215	79.36	44
Okt. 7.2	24.12	60	64.60	125	46.22	38	83.31	118	28.050	158	70.88	38	16.984	200	78.92	83
17.2	23.52	56	63.35	176	45.84	33	82.13	158	27.892	133	70.50	61	16.784	175	78.09	123
27.1	22.96	48	61.59	222	45.51	25	80.55	191	27.759	101	69.89	83	16.609	141	76.86	161
Nov. 6.1	22.48	41	59.37	266	45.26	17	78.64	218	27.658	61	69.06	105	16.468	101	75.25	195
16.1	22.07	31	56.71	301	45.09	6	76.46	237	27.597	17	68.01	124	16.367	53	73.30	226
26.1	21.76	20	53.70	331	45.03	4	74.09	247	27.580	29	66.77	143	16.314	5	71.04	251
Dez. 6.0	21.56	9	50.39	350	45.07	15	71.62	247	27.609	76	65.34	158	16.309	47	68.53	270
16.0	21.47	3	46.89	358	45.22	25	69.15	240	27.685	122	63.76	167	16.356	97	65.83	281
26.0	21.50	16	43.31	355	45.47	35	66.75	224	27.807	162	62.09	172	16.453	144	63.02	282
35.9	21.66		39.76		45.82		64.51		27.969		60.37		16.597		60.20	
Mittl. Ort	25.75		45.52		40.84		70.16		25.262		61.78		14.892		64.14	
sec δ, tg δ	2.765		+2.578		2.339		−2.114		1.003		+0.080		1.130		+0.526	

Mittlere Zeit Greenw.	670) ψ Drac. austr.				671) ξ Draconis				675) 35 Draconis				672) ϑ Herculis			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1918	17h 43m		+72° 11′		17h 52m		+56° 52′		17h 52m		+76° 58′		17h 53m		+37° 15′	
Jan. 1.0	18.89s	22	16.73″	348	4.558s	167	62.33″	345	60.18s	22	24.17″	344	25.473s	160	34.90″	307
10.9	19.11	35	13.25	326	4.725	238	58.88	327	60.40	40	20.73	325	25.633	207	31.83	291
20.9	19.46	47	9.99	293	4.963	300	55.61	296	60.80	56	17.48	294	25.840	247	28.92	265
30.9	19.93	57	7.06	248	5.263	354	52.65	253	61.36	72	14.54	252	26.087	278	26.27	228
Feb. 9.9	20.50	65	4.58	193	5.617	396	50.12	201	62.08	83	12.02	200	26.365	304	23.99	181
19.8	21.15	71	2.65	133	6.013	427	48.11	142	62.91	92	10.02	141	26.669	321	22.18	129
März 1.8	21.86	74	1.32	66	6.440	445	46.69	77	63.83	97	8.61	76	26.990	331	20.89	72
11.8	22.60	75	0.66	1	6.885	451	45.92	11	64.80	99	7.85	10	27.321	335	20.17	11
21.7	23.35	73	0.67	68	7.336	444	45.81	56	65.79	99	7.75	57	27.656	331	20.06	48
31.7	24.08	70	1.35	131	7.780	428	46.37	120	66.78	93	8.32	120	27.987	321	20.54	104
Apr. 10.7	24.78	64	2.66	189	8.208	400	47.57	177	67.71	86	9.52	178	28.308	304	21.58	158
20.7	25.42	55	4.55	239	8.608	362	49.34	229	68.57	76	11.30	229	28.612	282	23.16	203
30.6	25.97	47	6.94	279	8.970	316	51.63	271	69.33	62	13.59	272	28.894	254	25.19	241
Mai 10.6	26.44	36	9.73	311	9.286	262	54.34	305	69.95	49	16.31	304	29.148	221	27.60	271
20.6	26.80	24	12.84	333	9.548	203	57.39	327	70.44	33	19.35	328	29.369	184	30.31	291
30.6	27.04	12	16.17	344	9.751	139	60.66	342	70.77	17	22.63	340	29.553	142	33.22	303
Juni 9.5	27.16	0	19.61	344	9.890	72	64.08	343	70.94	0	26.03	345	29.695	98	36.25	305
19.5	27.16	12	23.05	337	9.962	4	67.51	339	70.94	17	29.48	338	29.793	51	39.30	301
29.5	27.04	24	26.42	320	9.966	65	70.90	323	70.77	33	32.86	324	29.844	2	42.31	287
Juli 9.4	26.80	35	29.62	295	9.901	131	74.13	302	70.44	49	36.10	301	29.846	45	45.18	267
19.4	26.45	45	32.57	265	9.770	194	77.15	272	69.95	62	39.11	273	29.801	91	47.85	241
29.4	26.00	55	35.22	227	9.576	252	79.87	237	69.33	75	41.84	237	29.710	134	50.26	211
Aug. 8.4	25.45	63	37.49	185	9.324	303	82.24	197	68.58	86	44.21	197	29.576	174	52.37	175
18.3	24.82	69	39.34	139	9.021	345	84.21	152	67.72	95	46.18	152	29.402	206	54.12	136
28.3	24.13	74	40.73	91	8.676	377	85.73	105	66.77	102	47.70	105	29.196	231	55.48	95
Sept. 7.3	23.39	77	41.64	39	8.299	398	86.78	55	65.75	106	48.75	55	28.965	248	56.43	52
17.3	22.62	78	42.03	13	7.901	406	87.33	3	64.69	108	49.30	4	28.717	255	56.95	6
27.2	21.84	77	41.90	66	7.495	402	87.36	50	63.61	107	49.34	49	28.462	251	57.01	39
Okt. 7.2	21.07	73	41.24	118	7.093	383	86.86	101	62.54	103	48.85	101	28.211	237	56.62	85
17.2	20.34	68	40.06	169	6.710	351	85.85	152	61.51	97	47.84	151	27.974	212	55.77	130
27.1	19.66	61	38.37	216	6.359	308	84.33	200	60.54	88	46.33	199	27.762	179	54.47	172
Nov. 6.1	19.05	51	36.21	259	6.051	251	82.33	245	59.66	76	44.34	244	27.583	136	52.75	211
16.1	18.54	40	33.62	297	5.800	187	79.88	284	58.90	61	41.90	282	27.447	87	50.64	247
26.1	18.14	28	30.65	327	5.613	114	77.04	315	58.29	46	39.08	314	27.360	35	48.17	275
Dez. 6.0	17.86	14	27.38	347	5.499	37	73.89	338	57.83	28	35.94	336	27.325	20	45.42	297
16.0	17.72	0	23.91	358	5.462	42	70.51	350	57.55	9	32.58	350	27.345	75	42.45	309
26.0	17.72	13	20.33	355	5.504	119	67.01	352	57.46	11	29.08	349	27.420	129	39.36	311
36.0	17.85		16.78		5.623		63.49		57.57		25.59		27.549		36.25	
Mittl. Ort	23.59		21.97		6.638		66.47		67.06		28.28		26.425		38.35	
sec δ, tg δ	3.269		+3.113		1.830		+1.533		4.437		+4.323		1.256		+0.761	

Mittlere Zeit Greenw.	673) ν Ophiuchi AR.		Dekl.		676) γ Draconis AR.		Dekl.		677) 67 Ophiuchi AR.		Dekl.		679) γ Sagittarii AR.		Dekl.	
1918	$17^h 54^m$		$-9° 45'$		$17^h 54^m$		$+51° 29'$		$17^h 56^m$		$+2° 55'$		$18^h 0^m$		$-30° 25'$	
	s		"		s		"		s		"		s		"	
Jan. 1.0	30.502	188	53.13	87	40.439	160	49.06	339	31.984	175	62.73	158	32.168	211	33.98	39
10.9	30.690	221	54.00	87	40.599	221	45.67	321	32.159	207	61.15	153	32.379	249	33.59	33
20.9	30.911	248	54.87	82	40.820	275	42.46	292	32.366	236	59.62	142	32.628	281	33.26	25
30.9	31.159	269	55.69	73	41.095	321	39.54	251	32.602	257	58.20	124	32.909	305	33.01	20
Feb. 9.9	31.428	284	56.42	61	41.416	357	37.03	200	32.859	274	56.96	100	33.214	323	32.81	15
19.8	31.712	295	57.03	43	41.773	383	35.03	142	33.133	284	55.96	71	33.537	336	32.66	11
März 1.8	32.007	300	57.46	24	42.156	399	33.61	80	33.417	290	55.25	39	33.873	342	32.55	10
11.8	32.307	300	57.70	3	42.555	405	32.81	14	33.707	292	54.86	7	34.215	345	32.45	9
21.7	32.607	298	57.73	18	42.960	400	32.67	52	33.999	290	54.79	28	34.560	343	32.36	8
31.7	32.905	292	57.55	38	43.360	386	33.19	115	34.289	284	55.07	60	34.903	337	32.28	7
Apr. 10.7	33.197	282	57.17	55	43.746	363	34.34	171	34.573	273	55.67	88	35.240	327	32.21	4
20.7	33.479	269	56.62	71	44.109	332	36.05	222	34.846	260	56.55	114	35.567	312	32.17	2
30.6	33.748	250	55.91	82	44.441	293	38.27	264	35.106	242	57.69	135	35.879	293	32.15	3
Mai 10.6	33.998	228	55.09	89	44.734	248	40.91	298	35.348	219	59.04	148	36.172	268	32.18	8
20.6	34.226	202	54.20	93	44.982	197	43.89	320	35.567	192	60.52	159	36.440	239	32.26	15
30.6	34.428	171	53.27	93	45.179	142	47.09	334	35.759	162	62.11	162	36.679	204	32.41	22
Juni 9.5	34.599	137	52.34	90	45.321	84	50.43	337	35.921	128	63.73	162	36.883	165	32.63	28
19.5	34.736	99	51.44	85	45.405	24	53.80	333	36.049	90	65.35	156	37.048	123	32.91	35
29.5	34.835	59	50.59	79	45.429	37	57.13	318	36.139	52	66.91	147	37.171	76	33.26	39
Juli 9.4	34.894	18	49.80	69	45.392	96	60.31	297	36.191	11	68.38	136	37.247	29	33.65	43
19.4	34.912	24	49.11	60	45.296	152	63.28	269	36.202	29	69.74	120	37.276	19	34.08	44
29.4	34.888	63	48.51	51	45.144	205	65.97	235	36.173	68	70.94	105	37.257	65	34.52	41
Aug. 8.4	34.825	98	48.00	42	44.939	252	68.32	195	36.105	102	71.99	86	37.192	107	34.93	37
18.3	34.727	129	47.58	33	44.687	290	70.27	153	36.003	133	72.85	69	37.085	143	35.30	29
28.3	34.598	154	47.25	25	44.397	320	71.80	106	35.870	156	73.54	49	36.942	171	35.59	19
Sept. 7.3	34.444	169	47.00	17	44.077	340	72.86	57	35.714	171	74.03	29	36.771	192	35.78	7
17.3	34.275	176	46.83	10	43.737	348	73.43	7	35.543	179	74.32	10	36.579	199	35.85	6
27.2	34.099	173	46.73	1	43.389	344	73.50	45	35.364	175	74.42	10	36.380	197	35.79	19
Okt. 7.2	33.926	159	46.72	6	43.045	328	73.05	95	35.189	163	74.32	32	36.183	183	35.60	33
17.2	33.767	136	46.78	16	42.717	300	72.10	145	35.026	140	74.00	51	36.000	157	35.27	44
27.1	33.631	104	46.94	26	42.417	260	70.65	193	34.886	110	73.49	72	35.843	120	34.83	53
Nov. 6.1	33.527	64	47.20	36	42.157	210	68.72	237	34.776	73	72.77	93	35.723	77	34.30	59
16.1	33.463	21	47.56	48	41.947	152	66.35	275	34.703	30	71.84	111	35.646	27	33.71	63
26.1	33.442	26	48.04	59	41.795	87	63.60	306	34.673	16	70.73	129	35.619	26	33.08	61
Dez. 6.0	33.468	73	48.63	70	41.708	20	60.54	330	34.689	62	69.44	143	35.645	80	32.47	59
16.0	33.541	119	49.33	79	41.688	50	57.24	343	34.751	106	68.01	153	35.725	132	31.88	52
26.0	33.660	161	50.12	85	41.738	119	53.81	344	34.857	147	66.48	158	35.857	179	31.36	46
36.0	33.821		50.97		41.857		50.37		35.004		64.90		36.036		30.90	
Mittl. Ort	30.694		52.46		42.094		52.83		32.266		64.19		32.366		34.70	
sec δ, tg δ	1.015		−0.172		1.606		+1.257		1.001		+0.051		1.160		−0.587	

Mittlere Zeit Greenw.	680) 72 Ophiuchi				681) ο Herculis				682) μ Sagittarii				688) η Serpentis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	18h 3m		+9° 32′		18h 4m		+28° 44′		18h 8m		−21° 4′		18h 17m		−2° 55′	
	s		″		s		″		s		″		s		″	
Jan. 1.0	27.340	163	62.82	191	19.899	152	58.89	278	51.359	187	53.17	12	3.736	158	16.72	120
10.9	27.503	198	60.91	184	20.051	192	56.11	265	51.546	224	53.29	15	3.894	194	17.92	118
20.9	27.701	227	59.07	170	20.243	229	53.46	243	51.770	253	53.44	17	4.088	222	19.10	110
30.9	27.928	250	57.37	147	20.472	257	51.03	211	52.023	276	53.61	16	4.310	246	20.20	96
Feb. 9.9	28.178	268	55.90	120	20.729	280	48.92	171	52.299	295	53.77	12	4.556	264	21.16	77
19.8	28.446	281	54.70	85	21.009	297	47.21	124	52.594	307	53.89	6	4.820	278	21.93	55
März 1.8	28.727	289	53.85	48	21.306	307	45.97	72	52.901	315	53.95	2	5.098	286	22.48	29
11.8	29.016	291	53.37	9	21.613	312	45.25	17	53.216	319	53.93	11	5.384	292	22.77	1
21.8	29.307	291	53.28	32	21.925	311	45.08	38	53.535	318	53.82	20	5.676	292	22.78	27
31.7	29.598	285	53.60	70	22.236	304	45.46	90	53.853	313	53.62	28	5.968	290	22.51	54
Apr. 10.7	29.883	275	54.30	104	22.540	292	46.36	139	54.166	306	53.34	36	6.258	283	21.97	77
20.7	30.158	262	55.34	134	22.832	274	47.75	182	54.472	294	52.98	40	6.541	272	21.20	99
30.6	30.420	244	56.68	160	23.106	253	49.57	217	54.766	276	52.58	42	6.813	257	20.21	115
Mai 10.6	30.664	221	58.28	178	23.359	224	51.74	245	55.042	255	52.16	42	7.070	237	19.06	126
20.6	30.885	195	60.06	191	23.583	192	54.19	266	55.297	229	51.74	40	7.307	213	17.80	134
30.6	31.080	164	61.97	197	23.775	157	56.85	276	55.526	197	51.34	36	7.520	183	16.46	136
Juni 9.5	31.244	129	63.94	197	23.932	116	59.61	281	55.723	161	50.98	30	7.703	150	15.10	135
19.5	31.373	91	65.91	193	24.048	74	62.42	276	55.884	122	50.68	23	7.853	113	13.75	129
29.5	31.464	51	67.84	183	24.122	29	65.18	265	56.006	80	50.45	17	7.966	73	12.46	120
Juli 9.5	31.515	11	69.67	170	24.151	15	67.83	248	56.086	35	50.28	10	8.039	32	11.26	109
19.4	31.526	30	71.37	152	24.136	59	70.31	225	56.121	10	50.18	4	8.071	10	10.17	97
29.4	31.496	69	72.89	133	24.077	101	72.56	198	56.111	53	50.14	1	8.061	50	9.20	83
Aug. 8.4	31.427	105	74.22	112	23.976	139	74.54	166	56.058	92	50.13	2	8.011	88	8.37	68
18.3	31.322	136	75.34	88	23.837	171	76.20	133	55.966	128	50.15	3	7.923	120	7.69	53
28.3	31.186	159	76.22	63	23.666	196	77.53	95	55.838	155	50.18	2	7.803	148	7.16	38
Sept. 7.3	31.027	177	76.85	39	23.470	214	78.48	57	55.683	174	50.20	1	7.655	165	6.78	24
17.3	30.850	184	77.24	13	23.256	223	79.05	16	55.509	184	50.19	5	7.490	176	6.54	10
27.2	30.666	182	77.37	14	23.033	221	79.21	24	55.325	183	50.14	8	7.314	177	6.44	5
Okt. 7.2	30.484	171	77.23	39	22.812	209	78.97	65	55.142	171	50.06	12	7.137	166	6.49	20
17.2	30.313	149	76.84	66	22.603	187	78.32	105	54.971	148	49.94	15	6.971	147	6.69	35
27.2	30.164	121	76.18	92	22.416	157	77.27	144	54.823	116	49.79	16	6.824	120	7.04	50
Nov. 6.1	30.043	83	75.26	117	22.259	119	75.83	181	54.707	77	49.63	15	6.704	83	7.54	65
16.1	29.960	43	74.09	139	22.140	75	74.02	214	54.630	31	49.48	13	6.621	44	8.19	80
26.1	29.917	3	72.70	160	22.065	26	71.88	241	54.599	17	49.35	8	6.577	1	8.99	93
Dez. 6.0	29.920	49	71.10	176	22.039	24	69.47	262	54.616	66	49.27	2	6.578	46	9.92	107
16.0	29.969	93	69.34	187	22.063	73	66.85	276	54.682	115	49.25	3	6.624	90	10.99	114
26.0	30.062	136	67.47	192	22.136	122	64.09	280	54.797	158	49.28	9	6.714	132	12.13	120
36.0	30.198		65.55		22.258		61.29		54.955		49.37		6.846		13.33	
Mittl. Ort	27.700		64.37		20.609		61.17		51.541		53.28		3.985		16.16	
sec δ, tg δ	1.014		+0.168		1.141		+0.549		1.072		−0.386		1.001		−0.051	

Mittlere Zeit Greenw.	689) ε Sagittarii AR.		689) ε Sagittarii Dekl.		690) 109 Herculis AR.		690) 109 Herculis Dekl.		691) α Telescopii AR.		691) α Telescopii Dekl.		695) γ Draconis AR.		695) γ Draconis Dekl.	
1918	18h 18m		−34° 25′		18h 20m		+21° 43′		18h 20m		−46° 0′		18h 22m		+72° 41′	
	s		″		s		″		s		″		s		″	
Jan. 1.0	43.508	198	27.67	74	11.638	139	52.21	247	53.218	222	52.27	144	27.21	11	50.54	351
11.0	43.706	240	26.93	67	11.777	178	49.74	238	53.440	273	50.83	134	27.32	24	47.03	339
20.9	43.946	274	26.26	60	11.955	212	47.36	220	53.713	315	49.49	121	27.56	38	43.64	316
30.9	44.220	303	25.66	52	12.167	240	45.16	194	54.028	350	48.28	107	27.94	49	40.48	280
Feb. 9.9	44.523	325	25.14	46	12.407	263	43.22	158	54.378	377	47.21	91	28.43	59	37.68	233
19.8	44.848	340	24.68	40	12.670	280	41.64	117	54.755	397	46.30	74	29.02	68	35.35	178
März 1.8	45.188	352	24.28	35	12.950	292	40.47	70	55.152	410	45.56	59	29.70	73	33.57	117
11.8	45.540	357	23.93	29	13.242	299	39.77	22	55.562	419	44.97	42	30.43	76	32.40	49
21.8	45.897	358	23.64	25	13.541	301	39.55	29	55.981	420	44.55	25	31.19	78	31.91	17
31.7	46.255	355	23.39	18	13.842	297	39.84	76	56.401	417	44.30	8	31.97	75	32.08	83
Apr. 10.7	46.610	348	23.21	13	14.139	290	40.60	122	56.818	407	44.22	10	32.72	71	32.91	144
20.7	46.958	335	23.08	5	14.429	276	41.82	161	57.225	392	44.32	27	33.43	65	34.35	200
30.7	47.293	318	23.03	4	14.705	258	43.43	194	57.617	371	44.59	45	34.08	58	36.35	249
Mai 10.6	47.611	294	23.07	13	14.963	235	45.37	222	57.988	343	45.04	62	34.66	47	38.84	288
20.6	47.905	265	23.20	24	15.198	206	47.59	240	58.331	308	45.66	80	35.13	37	41.72	317
30.6	48.170	230	23.44	34	15.404	174	49.99	251	58.639	266	46.46	94	35.50	25	44.89	339
Juni 9.5	48.400	190	23.78	43	15.578	137	52.50	256	58.905	219	47.40	106	35.75	12	48.28	348
19.5	48.590	146	24.21	53	15.715	98	55.06	253	59.124	166	48.46	118	35.87	1	51.76	350
29.5	48.736	97	24.74	60	15.813	55	57.59	243	59.290	109	49.64	124	35.86	12	55.26	342
Juli 9.5	48.833	48	25.34	64	15.868	11	60.02	229	59.399	50	50.88	126	35.74	26	58.68	325
19.4	48.881	3	25.98	66	15.879	32	62.31	209	59.449	9	52.14	124	35.48	36	61.93	303
29.4	48.878	53	26.64	64	15.847	73	64.40	185	59.440	69	53.38	118	35.12	48	64.96	271
Aug. 8.4	48.825	99	27.28	59	15.774	112	66.25	157	59.371	121	54.56	105	34.64	57	67.67	236
18.4	48.726	139	27.87	50	15.662	145	67.82	128	59.250	171	55.61	89	34.07	65	70.03	194
28.3	48.587	173	28.37	38	15.517	173	69.10	95	59.079	209	56.50	67	33.42	72	71.97	149
Sept. 7.3	48.414	196	28.75	24	15.344	191	70.05	61	58.870	237	57.17	42	32.70	76	73.46	101
17.3	48.218	208	28.99	7	15.153	202	70.66	26	58.633	253	57.59	15	31.94	80	74.47	49
27.2	48.010	210	29.06	10	14.951	203	70.92	10	58.380	254	57.74	15	31.14	80	74.96	4
Okt. 7.2	47.800	198	28.96	29	14.748	195	70.82	46	58.126	242	57.59	44	30.34	78	74.92	57
17.2	47.602	175	28.67	45	14.553	176	70.36	82	57.884	215	57.15	72	29.56	75	74.35	111
27.2	47.427	140	28.22	59	14.377	148	69.54	117	57.669	176	56.43	97	28.81	69	73.24	162
Nov. 6.1	47.287	97	27.63	71	14.229	113	68.37	150	57.493	126	55.46	119	28.12	61	71.62	211
16.1	47.190	48	26.92	80	14.116	73	66.87	180	57.367	69	54.27	136	27.51	50	69.51	255
26.1	47.142	5	26.12	84	14.043	28	65.07	207	57.298	5	52.91	147	27.01	40	66.96	292
Dez. 6.1	47.147	61	25.28	84	14.015	19	63.00	228	57.293	59	51.44	152	26.61	26	64.04	324
16.0	47.208	115	24.44	83	14.034	66	60.72	242	57.352	123	49.92	153	26.35	13	60.80	343
26.0	47.323	165	23.61	78	14.100	110	58.30	247	57.475	183	48.39	148	26.22	1	57.37	352
36.0	47.488		22.83		14.210		55.83		57.658		46.91		26.23		53.85	
Mittl. Ort	43.748		28.28		12.201		53.24		53.605		53.26		32.19		51.30	
sec δ, tg δ	1.212		−0.685		1.076		+0.399		1.440		−1.036		3.362		+3.210	

Mittlere Zeit Greenw.	694) *b* Draconis AR.		694) *b* Draconis Dekl.		698) ζ Pavonis AR.		698) ζ Pavonis Dekl.		699) α Lyrae AR.		699) α Lyrae Dekl.		703) 110 Herculis AR.		703) 110 Herculis Dekl.	
1918	$18^h 22^m$		+58° 44′		$18^h 33^m$		−71° 29′		$18^h 34^m$		+38° 42′		$18^h 42^m$		+20° 27′	
Jan. 1.0	40.496	113	69.29	347	25.79	35	60.63	278	8.683	112	23.75	306	7.400	117	61.27	236
11.0	40.609	190	65.82	336	26.14	47	57.85	265	8.795	162	20.69	298	7.517	157	58.91	231
20.9	40.799	261	62.46	312	26.61	58	55.20	243	8.957	205	17.71	278	7.674	191	56.60	215
30.9	41.060	324	59.34	275	27.19	66	52.77	217	9.162	244	14.93	247	7.865	221	54.45	191
Feb. 9.9	41.384	377	56.59	229	27.85	73	50.60	186	9.406	277	12.46	206	8.086	247	52.54	160
19.9	41.761	419	54.30	174	28.58	80	48.74	152	9.683	302	10.40	157	8.333	266	50.94	120
März 1.8	42.180	448	52.56	111	29.38	83	47.22	116	9.985	322	8.83	102	8.599	282	49.74	76
11.8	42.628	467	51.45	45	30.21	85	46.06	78	10.307	334	7.81	43	8.881	293	48.98	29
21.8	43.095	469	51.00	21	31.06	87	45.28	39	10.641	339	7.38	17	9.174	298	48.69	20
31.7	43.564	462	51.21	87	31.93	86	44.89	1	10.980	338	7.55	76	9.472	299	48.89	68
Apr. 10.7	44.026	441	52.08	148	32.79	84	44.88	38	11.318	328	8.31	132	9.771	294	49.57	112
20.7	44.467	409	53.56	203	33.63	81	45.26	75	11.646	314	9.63	182	10.065	286	50.69	153
30.7	44.876	367	55.59	251	34.44	75	46.01	110	11.960	291	11.45	226	10.351	270	52.22	186
Mai 10.6	45.243	317	58.10	290	35.19	70	47.11	144	12.251	263	13.71	261	10.621	250	54.08	215
20.6	45.560	257	61.00	320	35.89	61	48.55	174	12.514	229	16.32	288	10.871	225	56.23	235
30.6	45.817	193	64.20	339	36.50	52	50.29	199	12.743	189	19.20	307	11.096	194	58.58	248
Juni 9.6	46.010	123	67.59	349	37.02	42	52.28	220	12.932	144	22.27	316	11.290	158	61.06	253
19.5	46.133	51	71.08	350	37.44	31	54.48	235	13.076	97	25.43	317	11.448	119	63.59	254
29.5	46.184	23	74.58	341	37.75	18	56.83	243	13.173	47	28.60	310	11.567	77	66.13	245
Juli 9.5	46.161	95	77.99	325	37.93	6	59.26	244	13.220	3	31.70	295	11.644	34	68.58	232
19.4	46.066	166	81.24	301	37.99	8	61.70	237	13.217	54	34.65	274	11.678	11	70.90	214
29.4	45.900	230	84.25	270	37.91	19	64.07	222	13.163	102	37.39	247	11.667	54	73.04	192
Aug. 8.4	45.670	290	86.95	234	37.72	31	66.29	199	13.061	147	39.86	215	11.613	93	74.96	166
18.4	45.380	341	89.29	192	37.41	41	68.28	169	12.914	186	42.01	179	11.520	130	76.62	138
28.3	45.039	382	91.21	146	37.00	49	69.97	131	12.728	218	43.80	139	11.390	160	78.00	106
Sept. 7.3	44.657	411	92.67	99	36.51	56	71.28	89	12.510	242	45.19	97	11.230	182	79.06	74
17.3	44.246	428	93.66	47	35.95	60	72.17	40	12.268	256	46.16	51	11.048	196	79.80	40
27.3	43.818	431	94.13	5	35.35	61	72.57	10	12.012	260	46.67	6	10.852	201	80.20	5
Okt. 7.2	43.387	421	94.08	59	34.74	59	72.47	61	11.752	253	46.73	42	10.651	195	80.25	30
17.2	42.966	396	93.49	112	34.15	55	71.86	111	11.499	236	46.31	88	10.456	180	79.95	66
27.2	42.570	358	92.37	162	33.60	47	70.75	158	11.263	209	45.43	133	10.276	156	79.29	99
Nov. 6.1	42.212	308	90.75	211	33.13	38	69.17	199	11.054	173	44.10	177	10.120	125	78.30	133
16.1	41.904	246	88.64	255	32.75	27	67.18	233	10.881	130	42.33	216	9.995	87	76.97	164
26.1	41.658	176	86.09	292	32.48	14	64.85	259	10.751	81	40.17	250	9.908	45	75.33	190
Dez. 6.1	41.482	100	83.17	322	32.34	0	62.26	276	10.670	29	37.67	279	9.863	1	73.43	212
16.0	41.382	19	79.95	340	32.34	13	59.50	284	10.641	25	34.88	297	9.862	45	71.31	228
26.0	41.363	62	76.55	349	32.47	26	56.66	283	10.666	79	31.91	306	9.907	88	69.03	236
36.0	41.425		73.06		32.73		53.83		10.745		28.85		9.995		66.67	
Mittl. Ort	42.798		70.22		27.61		61.83		9.714		23.76		7.940		60.94	
sec δ, tg δ	1.928		+1.648		3.152		−2.989		1.281		+0.801		1.067		+0.373	

Mittlere Zeit Greenw.	704) λ Pavonis AR.	Diff.	704) λ Pavonis Dekl.	Diff.	705) β Lyrae AR.	Diff.	705) β Lyrae Dekl.	Diff.	707) o Draconis AR.	Diff.	707) o Draconis Dekl.	Diff.	706) σ Sagittarii AR.	Diff.	706) σ Sagittarii Dekl.	Diff.
1918	18ʰ 44ᵐ		−62° 16′		18ʰ 47ᵐ		+33° 15′		18ʰ 49ᵐ		+59° 16′		18ʰ 50ᵐ		−26° 23′	
Jan. 1.0	36.38ˢ	24	58.83″	243	2.295ˢ	102	61.26″	287	57.204ˢ	63	77.99″	345	10.668ˢ	150	59.15″	38
11.0	36.62	33	56.40	233	2.397	147	58.39	280	57.267	142	74.54	339	10.818	191	58.77	36
21.0	36.95	40	54.07	217	2.544	188	55.59	263	57.409	217	71.15	322	11.009	224	58.41	36
30.9	37.35	45	51.90	198	2.732	224	52.96	236	57.626	286	67.93	292	11.233	253	58.05	36
Feb. 9.9	37.80	50	49.92	174	2.956	255	50.60	200	57.912	346	65.01	250	11.486	278	57.69	38
19.9	38.30	55	48.18	148	3.211	280	48.60	154	58.258	397	62.51	199	11.764	297	57.31	41
März 1.8	38.85	57	46.70	119	3.491	301	47.06	102	58.655	435	60.52	140	12.061	311	56.90	45
11.8	39.42	59	45.51	89	3.792	313	46.04	48	59.090	461	59.12	77	12.372	322	56.45	49
21.8	40.01	61	44.62	57	4.105	322	45.56	10	59.551	475	58.35	11	12.694	328	55.96	52
31.8	40.62	60	44.05	26	4.427	322	45.66	66	60.026	477	58.24	56	13.022	331	55.44	55
Apr. 10.7	41.22	59	43.79	7	4.749	318	46.32	120	60.503	464	58.80	119	13.353	330	54.89	57
20.7	41.81	58	43.86	39	5.067	306	47.52	168	60.967	440	59.99	177	13.683	323	54.32	54
30.7	42.39	55	44.25	70	5.373	289	49.20	210	61.407	405	61.76	228	14.006	311	53.78	51
Mai 10.7	42.94	51	44.95	100	5.662	265	51.30	245	61.812	359	64.04	273	14.317	294	53.27	45
20.6	43.45	46	45.95	127	5.927	235	53.75	272	62.171	304	66.77	307	14.611	271	52.82	37
30.6	43.91	40	47.22	153	6.162	200	56.47	291	62.475	241	69.84	333	14.882	242	52.45	28
Juni 9.6	44.31	33	48.75	174	6.362	159	59.38	301	62.716	173	73.17	348	15.124	207	52.17	17
19.5	44.64	26	50.49	190	6.521	116	62.39	302	62.889	100	76.65	355	15.331	168	52.00	6
29.5	44.90	17	52.39	201	6.637	69	65.41	296	62.989	25	80.20	352	15.499	123	51.94	5
Juli 9.5	45.07	9	54.40	205	6.706	21	68.37	284	63.014	50	83.72	340	15.622	77	51.99	15
19.5	45.16	1	56.45	204	6.727	28	71.21	265	62.964	124	87.12	322	15.699	28	52.14	23
29.4	45.15	9	58.49	195	6.699	75	73.86	240	62.840	194	90.34	296	15.727	20	52.37	29
Aug. 8.4	45.06	17	60.44	178	6.624	118	76.26	211	62.646	259	93.30	263	15.707	65	52.66	34
18.4	44.89	25	62.22	155	6.506	157	78.37	177	62.387	315	95.93	225	15.642	106	53.00	34
28.3	44.64	31	63.77	125	6.349	190	80.14	140	62.072	364	98.18	183	15.536	142	53.34	31
Sept. 7.3	44.33	36	65.02	89	6.159	214	81.54	101	61.708	399	100.01	136	15.394	168	53.65	26
17.3	43.97	39	65.91	49	5.945	230	82.55	59	61.309	425	101.37	86	15.226	186	53.91	19
27.3	43.58	40	66.40	6	5.715	237	83.14	16	60.884	435	102.23	35	15.040	192	54.10	9
Okt. 7.2	43.18	39	66.46	38	5.478	232	83.30	28	60.449	432	102.58	20	14.848	187	54.19	0
17.2	42.79	36	66.08	82	5.246	217	83.02	72	60.017	415	102.38	73	14.661	171	54.19	10
27.2	42.42	31	65.26	125	5.029	194	82.30	115	59.602	385	101.65	126	14.490	146	54.09	19
Nov. 6.2	42.11	26	64.01	160	4.835	161	81.15	156	59.217	340	100.39	178	14.344	110	53.90	28
16.1	41.85	17	62.41	193	4.674	121	79.59	194	58.877	285	98.61	225	14.234	69	53.62	32
26.1	41.68	9	60.48	217	4.553	77	77.65	228	58.592	220	96.36	266	14.165	22	53.30	37
Dez. 6.1	41.59	0	58.31	233	4.476	29	75.37	255	58.372	148	93.70	302	14.143	25	52.93	39
16.0	41.59	9	55.98	244	4.447	20	72.82	275	58.224	69	90.68	327	14.168	74	52.54	38
26.0	41.68	19	53.54	244	4.467	70	70.07	285	58.155	12	87.41	341	14.242	120	52.16	38
36.0	41.87		51.10		4.537		67.22		58.167		84.00		14.362		51.78	
Mittl. Ort	37.35		59.25		3.138		60.32		59.547		76.00		10.875		59.16	
sec δ, tg δ	2.150		−1.903		1.196		+0.656		1.958		+1.683		1.116		−0.496	

Mittlere Zeit Greenw.	708) λ Telescopii				709) ϑ Serpentis pr.				711) *R* Lyrae				713) γ Lyrae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	18h 51m		−53° 2′		18h 52m		+4° 5′		18h 52m		+43° 49′		18h 55m		+32° 34′	
Jan. 1.0	53.735	196	49.55	198	8.273	121	45.59	148	49.177	84	76.32	317	51.731	93	36.27	282
11.0	53.931	256	47.57	192	8.394	156	44.11	144	49.261	137	73.15	312	51.824	137	33.45	277
21.0	54.187	311	45.65	182	8.550	188	42.67	135	49.398	188	70.03	295	51.961	178	30.68	261
30.9	54.498	356	43.83	167	8.738	215	41.32	118	49.586	232	67.08	266	52.139	215	28.07	236
Feb. 9.9	54.854	394	42.16	150	8.953	239	40.14	96	49.818	272	64.42	228	52.354	246	25.71	201
19.9	55.248	425	40.66	132	9.192	257	39.18	69	50.090	304	62.14	180	52.600	273	23.70	157
März 1.8	55.673	447	39.34	112	9.449	271	38.49	37	50.394	330	60.34	124	52.873	295	22.13	106
11.8	56.120	465	38.22	89	9.720	283	38.12	3	50.724	348	59.10	65	53.168	309	21.07	52
21.8	56.585	474	37.33	67	10.003	289	38.09	31	51.072	358	58.45	2	53.477	318	20.55	5
31.8	57.059	477	36.66	42	10.292	292	38.40	65	51.430	360	58.43	59	53.795	322	20.60	60
Apr. 10.7	57.536	474	36.24	18	10.584	290	39.05	96	51.790	355	59.02	118	54.117	319	21.20	113
20.7	58.010	462	36.06	8	10.874	284	40.01	123	52.145	341	60.20	172	54.436	309	22.33	163
30.7	58.472	443	36.14	33	11.158	273	41.24	147	52.486	320	61.92	220	54.745	293	23.96	205
Mai 10.7	58.915	416	36.47	59	11.431	256	42.71	163	52.806	291	64.12	260	55.038	270	26.01	240
20.6	59.331	380	37.06	82	11.687	235	44.34	176	53.097	256	66.72	291	55.308	243	28.41	268
30.6	59.711	336	37.88	105	11.922	208	46.10	182	53.353	213	69.63	314	55.551	208	31.09	288
Juni 9.6	60.047	284	38.93	125	12.130	176	47.92	183	53.566	168	72.77	328	55.759	169	33.97	299
19.5	60.331	226	40.18	142	12.306	141	49.75	179	53.734	115	76.05	332	55.928	126	36.96	301
29.5	60.557	161	41.60	154	12.447	100	51.54	170	53.849	62	79.37	329	56.054	79	39.97	297
Juli 9.5	60.718	93	43.14	162	12.547	59	53.24	158	53.911	7	82.66	317	56.133	32	42.94	285
19.5	60.811	23	44.76	163	12.606	16	54.82	144	53.918	48	85.83	298	56.165	17	45.79	268
29.4	60.834	46	46.39	159	12.622	27	56.26	126	53.870	101	88.81	272	56.148	64	48.47	243
Aug. 8.4	60.788	113	47.98	149	12.595	67	57.52	107	53.769	150	91.53	242	56.084	109	50.90	215
18.4	60.675	172	49.47	133	12.528	103	58.59	87	53.619	194	93.95	206	55.975	149	53.05	183
28.3	60.503	224	50.80	109	12.425	133	59.46	66	53.425	230	96.01	166	55.826	182	54.88	146
Sept. 7.3	60.279	264	51.89	82	12.292	157	60.12	46	53.195	260	97.67	125	55.644	208	56.34	108
17.3	60.015	290	52.71	50	12.135	173	60.58	24	52.935	278	98.92	75	55.436	225	57.42	66
27.3	59.725	301	53.21	15	11.962	177	60.82	3	52.657	286	99.67	29	55.211	232	58.08	24
Okt. 7.2	59.424	295	53.36	22	11.785	174	60.85	18	52.371	284	99.96	21	54.979	230	58.32	19
17.2	59.129	275	53.14	58	11.611	160	60.67	39	52.087	269	99.75	69	54.749	217	58.13	63
27.2	58.854	238	52.56	92	11.451	139	60.28	60	51.818	245	99.06	119	54.532	194	57.50	106
Nov. 6.2	58.616	189	51.64	125	11.312	108	59.68	80	51.573	210	97.87	165	54.338	164	56.44	147
16.1	58.427	130	50.39	150	11.204	72	58.88	99	51.363	168	96.22	208	54.174	126	54.97	186
26.1	58.297	63	48.89	172	11.132	32	57.89	117	51.195	120	94.14	248	54.048	83	53.11	219
Dez. 6.1	58.234	8	47.17	187	11.100	10	56.72	131	51.075	66	91.66	278	53.965	36	50.92	247
16.0	58.242	80	45.30	196	11.110	52	55.41	142	51.009	10	88.88	302	53.929	13	48.45	269
26.0	58.322	150	43.34	199	11.162	93	53.99	148	50.999	47	85.86	314	53.942	60	45.76	280
36.0	58.472		41.35		11.255		52.51		51.046		82.72		54.002		42.96	
Mittl. Ort	54.308		49.52		8.584		45.09		50.412		74.57		52.546		34.66	
sec δ, tg δ	1.663		−1.329		1.003		+0.072		1.386		+0.960		1.187		+0.639	

Mittlere Zeit Greenw.	716) ζ Aquilae				717) λ Aquilae				718) α Coron. austr.				720) π Sagittarii			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	19h 1m		+13° 44′		19h 1m		−5° 0′		19h 3m		−38° 1′		19h 4m		−21° 9′	
Jan. 1.0	38.038	103	27.41	198	53.615	118	22.90	92	53.394	150	60.74	115	53.087	129	18.24	10
11.0	38.141	141	25.43	194	53.733	154	23.82	90	53.544	195	59.59	113	53.216	167	18.14	10
21.0	38.282	175	23.49	182	53.887	186	24.72	82	53.739	235	58.46	110	53.383	201	18.04	13
30.9	38.457	204	21.67	162	54.073	213	25.54	71	53.974	271	57.36	106	53.584	230	17.91	18
Feb. 9.9	38.661	230	20.05	136	54.286	237	26.25	54	54.245	300	56.30	101	53.814	256	17.73	23
19.9	38.891	251	18.69	102	54.523	256	26.79	33	54.545	323	55.29	94	54.070	275	17.50	31
März 1.9	39.142	268	17.67	64	54.779	271	27.12	10	54.868	343	54.35	89	54.345	291	17.19	41
11.8	39.410	281	17.03	22	55.050	283	27.22	—15	55.211	358	53.46	81	54.636	304	16.78	50
21.8	39.691	290	16.81	—20	55.333	291	27.07	41	55.569	367	52.65	73	54.940	313	16.28	60
31.8	39.981	294	17.01	63	55.624	295	26.66	66	55.936	373	51.92	64	55.253	318	15.68	67
Apr. 10.7	40.275	294	17.64	103	55.919	296	26.00	89	56.309	373	51.28	52	55.571	318	15.01	74
20.7	40.569	288	18.67	139	56.215	292	25.11	108	56.682	367	50.76	40	55.889	315	14.27	77
30.7	40.857	277	20.06	169	56.507	282	24.03	123	57.049	357	50.36	26	56.204	306	13.50	78
Mai 10.7	41.134	261	21.75	194	56.789	268	22.80	134	57.406	338	50.10	10	56.510	292	12.72	76
20.6	41.395	239	23.69	212	57.057	248	21.46	140	57.744	314	50.00	—6	56.802	271	11.96	71
30.6	41.634	212	25.81	225	57.305	222	20.06	142	58.058	283	50.06	23	57.073	244	11.25	64
Juni 9.6	41.846	179	28.06	229	57.527	191	18.64	139	58.341	244	50.29	39	57.317	212	10.61	53
19.6	42.025	142	30.35	228	57.718	156	17.25	133	58.585	200	50.68	56	57.529	174	10.08	42
29.5	42.167	102	32.63	221	57.874	116	15.92	123	58.785	151	51.24	69	57.703	133	9.66	31
Juli 9.5	42.269	59	34.84	209	57.990	74	14.69	111	58.936	98	51.93	80	57.836	88	9.35	18
19.5	42.328	15	36.93	194	58.064	30	13.58	98	59.034	44	52.73	87	57.924	40	9.17	7
29.4	42.343	—28	38.87	173	58.094	—13	12.60	83	59.078	—12	53.60	91	57.964	—5	9.10	—2
Aug. 8.4	42.315	69	40.60	151	58.081	54	11.77	67	59.066	64	54.51	91	57.959	51	9.12	10
18.4	42.246	106	42.11	126	58.027	92	11.10	53	59.002	112	55.42	85	57.908	92	9.22	15
28.4	42.140	139	43.37	99	57.935	124	10.57	37	58.890	154	56.27	75	57.816	127	9.37	19
Sept. 7.3	42.001	162	44.36	71	57.811	150	10.20	24	58.736	188	57.02	61	57.689	156	9.56	19
17.3	41.839	180	45.07	42	57.661	166	9.96	11	58.548	209	57.63	44	57.533	174	9.75	17
27.3	41.659	186	45.49	14	57.495	174	9.85	—2	58.339	220	58.07	23	57.359	183	9.92	15
Okt. 7.3	41.473	185	45.63	—17	57.321	171	9.87	14	58.119	218	58.30	1	57.176	180	10.07	9
17.2	41.288	173	45.46	46	57.150	159	10.01	26	57.901	203	58.31	—21	56.996	168	10.16	5
27.2	41.115	152	45.00	76	56.991	138	10.27	38	57.698	177	58.10	43	56.828	146	10.21	0
Nov. 6.2	40.963	123	44.24	104	56.853	108	10.65	50	57.521	141	57.67	63	56.682	115	10.21	4
16.1	40.840	90	43.20	130	56.745	74	11.15	61	57.380	96	57.04	80	56.567	76	10.17	6
26.1	40.750	50	41.90	153	56.671	34	11.76	72	57.284	45	56.24	94	56.491	34	10.11	8
Dez. 6.1	40.700	8	40.37	174	56.637	—8	12.48	81	57.239	—8	55.30	104	56.457	—10	10.03	9
16.1	40.692	—34	38.63	188	56.645	51	13.29	89	57.247	61	54.26	110	56.467	56	9.94	9
26.0	40.726	75	36.75	197	56.696	90	14.18	92	57.308	115	53.16	113	56.523	100	9.85	8
36.0	40.801		34.78		56.786		15.10		57.423		52.03		56.623		9.77	
Mittl. Ort	38.457		26.18		53.851		23.41		53.678		60.37		53.279		18.25	
sec δ, tg δ	1.029		+0.245		1.004		—0.088		1.270		—0.782		1.072		—0.387	

Mittlere Zeit Greenw.	723) δ Draconis AR.		Dekl.		724) ϑ Lyrae AR.		Dekl.		725) ω Aquilae AR.		Dekl.		726) ϰ Cygni AR.		Dekl.	
1918	$19^h\ 12^m$		+67° 30′		$19^h\ 13^m$		+37° 58′		$19^h\ 13^m$		+11° 26′		$19^h\ 15^m$		+53° 12′	
Jan. 1.0	28.90		66.85		30.318		76.28		57.670		49.50		10.759		64.22	
11.0	28.88	2	63.43	342	30.384	66	73.34	294	57.763	93	47.69	181	10.794	35	60.92	330
21.0	28.98	10	60.00	343	30.498	114	70.40	294	57.893	130	45.90	179	10.896	102	57.62	330
30.9	29.17	19	56.68	332	30.657	159	67.60	280	58.057	164	44.21	169	11.061	165	54.44	318
Feb. 9.9	29.47	30	53.60	308	30.859	202	65.03	257	58.251	194	42.70	151	11.286	225	51.50	294
19.9	29.86	39	50.87	273	31.097	238	62.80	223	58.471	220	41.45	125	11.564	278	48.92	258
März 1.9	30.33	47	48.62	225	31.368	271	61.01	179	58.714	243	40.50	95	11.888	324	46.80	212
11.8	30.86	53	46.92	170	31.665	297	59.72	129	58.975	261	39.92	58	12.251	363	45.22	158
21.8	31.43	57	45.83	109	31.982	317	58.99	73	59.250	275	39.73	19	12.643	392	44.26	96
31.8	32.04	61	45.40	43	32.313	331	58.85	14	59.537	287	39.94	21	13.053	410	43.93	33
Apr. 10.7	32.65	61	45.63	23	32.651	338	59.30	45	59.829	292	40.56	62	13.472	419	44.24	31
20.7	33.26	61	46.52	89	32.989	338	60.31	101	60.123	294	41.56	100	13.890	418	45.19	95
30.7	33.84	58	48.01	149	33.319	330	61.85	154	60.415	292	42.90	134	14.295	405	46.72	153
Mai 10.7	34.38	54	50.06	205	33.635	316	63.87	202	60.697	282	44.54	164	14.677	382	48.79	207
20.6	34.87	49	52.59	253	33.929	294	66.28	241	60.965	268	46.42	188	15.027	350	51.32	253
30.6	35.28	41	55.52	293	34.194	265	69.02	274	61.213	248	48.47	205	15.336	309	54.22	290
Juni 9.6	35.61	33	58.75	323	34.424	230	71.99	297	61.435	222	50.63	216	15.597	261	57.42	320
19.6	35.85	24	62.21	346	34.613	189	75.12	313	61.625	190	52.85	222	15.802	205	60.81	339
29.5	36.00	15	65.78	357	34.757	144	78.31	319	61.780	155	55.05	220	15.947	145	64.31	350
Juli 9.5	36.05	5	69.39	361	34.851	94	81.49	318	61.895	115	57.19	214	16.028	81	67.82	351
19.5	35.99	6	72.94	355	34.895	44	84.58	309	61.968	73	59.21	202	16.044	16	71.27	345
29.4	35.85	14	76.35	341	34.886	9	87.51	293	61.997	29	61.08	187	15.994	50	74.57	330
Aug. 8.4	35.60	25	79.55	320	34.827	59	90.22	271	61.982	15	62.76	168	15.880	114	77.65	308
18.4	35.27	33	82.47	292	34.720	107	92.66	244	61.925	57	64.22	146	15.707	173	80.44	279
28.4	34.86	41	85.04	257	34.568	152	94.77	211	61.830	95	65.45	123	15.479	228	82.89	245
Sept. 7.3	34.38	48	87.22	218	34.380	188	96.51	174	61.703	127	66.43	98	15.205	274	84.95	206
17.3	33.85	53	88.95	173	34.162	218	97.85	134	61.548	155	67.14	71	14.895	310	86.57	162
27.3	33.28	57	90.20	125	33.922	240	98.77	92	61.376	172	67.58	44	14.557	338	87.72	115
Okt. 7.3	32.69	59	90.93	73	33.672	250	99.23	46	61.194	182	67.75	17	14.204	353	88.37	65
17.2	32.09	60	91.13	20	33.421	251	99.24	1	61.013	181	67.64	11	13.848	356	88.50	13
27.2	31.51	58	90.78	35	33.179	242	98.78	46	60.842	171	67.25	39	13.502	346	88.10	40
Nov. 6.2	30.95	56	89.88	90	32.957	222	97.85	93	60.689	153	66.60	65	13.177	325	87.17	93
16.1	30.44	51	88.43	145	32.764	193	96.47	138	60.563	126	65.68	92	12.885	292	85.73	144
26.1	29.99	45	86.47	196	32.606	158	94.67	180	60.469	94	64.51	117	12.637	248	83.80	193
Dez. 6.1	29.61	38	84.05	242	32.492	114	92.49	218	60.413	56	63.12	139	12.440	197	81.42	238
16.1	29.33	28	81.22	283	32.424	68	89.99	250	60.396	17	61.54	158	12.302	138	78.67	275
26.0	29.14	19	78.08	314	32.406	18	87.23	276	60.421	25	59.82	172	12.227	75	75.62	305
36.0	29.05	9	74.73	335	32.438	32	84.32	291	60.487	66	58.02	180	12.219	8	72.38	324
Mittl. Ort	32.40		62.11		31.284		73.00		58.047		47.80		12.505		59.90	
sec δ, tg δ	2.615		+2.416		1.269		+0.781		1.020		+0.202		1.670		+1.338	

Mittlere Zeit Greenw.	729) τ Draconis AR.	Δ	729) τ Draconis Dekl.	Δ	728) α Sagittarii AR.	Δ	728) α Sagittarii Dekl.	Δ	730) δ Aquilae AR.	Δ	730) δ Aquilae Dekl.	Δ	732) β Cygni AR.	Δ	732) β Cygni Dekl.	Δ
1918	19h 17m		+73° 11′		19h 18m		−40° 46′		19h 21m		+2° 56′		19h 27m		+27° 47′	
Jan. 1.0	3.28	7	78.61	338	12.106	133	17.60	135	21.569	93	62.59	133	24.198	64	15.52	254
11.0	3.21	7	75.23	343	12.239	182	16.25	136	21.662	130	61.26	130	24.262	105	12.98	253
21.0	3.28	21	71.80	333	12.421	225	14.89	134	21.792	162	59.96	122	24.367	145	10.45	243
30.9	3.49	35	68.47	311	12.646	263	13.55	130	21.954	191	58.74	106	24.512	181	8.02	223
Feb. 9.9	3.84	47	65.36	277	12.909	296	12.25	125	22.145	217	57.68	86	24.693	214	5.79	194
19.9	4.31	58	62.59	232	13.205	323	11.00	119	22.362	239	56.82	61	24.907	242	3.85	155
März 1.9	4.89	67	60.27	178	13.528	345	9.81	110	22.601	257	56.21	31	25.149	267	2.30	111
11.8	5.56	73	58.49	117	13.873	362	8.71	102	22.858	272	55.90	1	25.416	286	1.19	61
21.8	6.29	78	57.32	53	14.235	376	7.69	91	23.130	284	55.91	35	25.702	302	0.58	8
31.8	7.07	78	56.79	13	14.611	384	6.78	79	23.414	291	56.26	67	26.004	310	0.50	44
Apr. 10.8	7.85	79	56.92	78	14.995	387	5.99	65	23.705	295	56.93	97	26.314	313	0.94	95
20.7	8.64	74	57.70	140	15.382	384	5.34	50	24.000	293	57.90	124	26.627	311	1.89	142
30.7	9.38	70	59.10	195	15.766	375	4.84	32	24.293	286	59.14	147	26.938	302	3.31	184
Mai 10.7	10.08	61	61.05	245	16.141	358	4.52	14	24.579	274	60.61	165	27.240	286	5.15	221
20.6	10.69	52	63.50	285	16.499	335	4.38	6	24.853	255	62.26	176	27.526	263	7.36	249
30.6	11.21	41	66.35	318	16.834	304	4.44	26	25.108	231	64.02	183	27.789	235	9.85	270
Juni 9.6	11.62	30	69.53	341	17.138	266	4.70	45	25.339	202	65.85	185	28.024	201	12.55	283
19.6	11.92	17	72.94	355	17.404	222	5.15	63	25.541	167	67.70	181	28.225	161	15.38	289
29.5	12.09	3	76.49	359	17.626	171	5.78	80	25.708	128	69.51	172	28.386	117	18.27	287
Juli 9.5	12.12	9	80.08	356	17.797	117	6.58	93	25.836	87	71.23	161	28.503	72	21.14	278
19.5	12.03	22	83.64	343	17.914	60	7.51	102	25.923	43	72.84	146	28.575	23	23.92	264
29.5	11.81	34	87.07	324	17.974	2	8.53	107	25.966	1	74.30	129	28.598	23	26.56	244
Aug. 8.4	11.47	45	90.31	297	17.976	54	9.60	107	25.965	43	75.59	110	28.575	69	29.00	219
18.4	11.02	56	93.28	264	17.922	105	10.67	103	25.922	81	76.69	90	28.506	110	31.19	190
28.4	10.46	65	95.92	226	17.817	151	11.70	92	25.841	116	77.59	69	28.396	147	33.09	158
Sept. 7.3	9.81	71	98.18	183	17.666	188	12.62	78	25.725	143	78.28	50	28.249	176	34.67	123
17.3	9.10	77	100.01	136	17.478	213	13.40	59	25.582	161	78.78	29	28.073	197	35.90	86
27.3	8.33	81	101.37	85	17.265	228	13.99	36	25.421	173	79.07	9	27.876	210	36.76	46
Okt. 7.3	7.52	81	102.22	31	17.037	229	14.35	12	25.248	172	79.16	12	27.666	212	37.22	7
17.2	6.71	80	102.53	23	16.808	217	14.47	14	25.076	165	79.04	30	27.454	205	37.29	33
27.2	5.91	77	102.30	79	16.591	194	14.33	39	24.911	146	78.74	50	27.249	189	36.96	74
Nov. 6.2	5.14	72	101.51	133	16.397	158	13.94	63	24.765	121	78.24	69	27.060	164	36.22	114
16.2	4.42	64	100.18	185	16.239	115	13.31	84	24.644	89	77.55	86	26.896	132	35.08	150
26.1	3.78	54	98.33	233	16.124	65	12.47	102	24.555	53	76.69	102	26.764	94	33.58	184
Dez. 6.1	3.24	43	96.00	274	16.059	12	11.45	116	24.502	13	75.67	116	26.670	54	31.74	212
16.1	2.81	30	93.26	307	16.047	44	10.29	126	24.489	27	74.51	127	26.616	10	29.62	235
26.0	2.51	17	90.19	331	16.091	97	9.03	132	24.516	67	73.24	132	26.606	33	27.27	250
36.0	2.34		86.88		16.188		7.71		24.583		71.92		26.639		24.77	
Mittl. Ort	8.29		73.11		12.414		16.78		21.845		61.13		24.843		11.89	
sec δ, tg δ	3.461		+3.313		1.320		−0.862		1.001		+0.052		1.130		+0.527	

Mittlere Zeit Greenw.	733) ι Cygni AR.		733) ι Cygni Dekl.		736) *h* Sagittarii AR.		736) *h* Sagittarii Dekl.		738) ϑ Cygni AR.		738) ϑ Cygni Dekl.		741) γ Aquilae AR.		741) γ Aquilae Dekl.	
1918	$19^h 27^m$		+51° 33′		$19^h 31^m$		−25° 3′		$19^h 34^m$		+50° 1′		$19^h 42^m$		+10° 24′	
Jan. 1.0	36.747	21	21.62	322	42.947	104	56.65	41	13.066	16	55.97	316	21.352	66	48.15	168
11.0	36.768	84	18.40	326	43.051	143	56.24	45	13.082	76	52.81	321	21.418	104	46.47	166
21.0	36.852	145	15.14	316	43.194	179	55.79	48	13.158	135	49.60	314	21.522	137	44.81	158
31.0	36.997	204	11.98	295	43.373	211	55.31	53	13.293	191	46.46	293	21.659	168	43.23	142
Feb. 9.9	37.201	255	9.03	261	43.584	239	54.78	59	13.484	242	43.53	261	21.827	197	41.81	120
19.9	37.456	303	6.42	218	43.823	262	54.19	65	13.726	289	40.92	218	22.024	222	40.61	91
März 1.9	37.759	341	4.24	166	44.085	284	53.54	72	14.015	327	38.74	168	22.246	244	39.70	57
11.8	38.100	372	2.58	106	44.369	300	52.82	78	14.342	358	37.06	110	22.490	263	39.13	20
21.8	38.472	394	1.52	44	44.669	314	52.04	83	14.700	381	35.96	48	22.753	277	38.93	19
31.8	38.866	406	1.08	20	44.983	323	51.21	89	15.081	394	35.48	15	23.030	289	39.12	59
Apr. 10.8	39.272	407	1.28	82	45.306	329	50.32	90	15.475	398	35.63	77	23.319	295	39.71	96
20.7	39.679	400	2.10	142	45.635	329	49.42	90	15.873	392	36.40	137	23.614	297	40.67	130
30.7	40.079	381	3.52	196	45.964	324	48.52	86	16.265	377	37.77	190	23.911	293	41.97	159
Mai 10.7	40.460	353	5.48	243	46.288	313	47.66	80	16.642	351	39.67	238	24.204	282	43.56	184
20.7	40.813	317	7.91	283	46.601	296	46.86	71	16.993	317	42.05	278	24.486	266	45.40	203
30.6	41.130	272	10.74	312	46.897	271	46.15	60	17.310	276	44.83	309	24.752	243	47.43	215
Juni 9.6	41.402	220	13.86	335	47.168	241	45.55	46	17.586	226	47.92	332	24.995	214	49.58	220
19.6	41.622	163	17.21	347	47.409	204	45.09	32	17.812	172	51.24	344	25.209	181	51.78	221
29.5	41.785	102	20.68	351	47.613	163	44.77	16	17.984	113	54.68	349	25.390	142	53.99	215
Juli 9.5	41.887	39	24.19	346	47.776	117	44.61	2	18.097	52	58.17	346	25.532	100	56.14	205
19.5	41.926	25	27.65	333	47.893	68	44.59	12	18.149	11	61.63	334	25.632	56	58.19	191
29.5	41.901	88	30.98	314	47.961	19	44.71	23	18.138	72	64.97	314	25.688	12	60.10	172
Aug. 8.4	41.813	146	34.12	286	47.980	28	44.94	32	18.066	130	68.11	289	25.700	32	61.82	152
18.4	41.667	201	36.98	254	47.952	74	45.26	38	17.936	183	71.00	258	25.668	71	63.34	129
28.4	41.466	248	39.52	217	47.878	113	45.64	41	17.753	231	73.58	221	25.597	108	64.63	104
Sept. 7.4	41.218	286	41.69	174	47.765	146	46.05	40	17.522	268	75.79	179	25.489	138	65.67	79
17.3	40.932	314	43.43	129	47.619	169	46.45	36	17.254	298	77.58	135	25.351	159	66.46	53
27.3	40.618	332	44.72	79	47.450	184	46.81	30	16.956	315	78.93	86	25.192	173	66.99	27
Okt. 7.3	40.286	337	45.51	28	47.266	186	47.11	22	16.641	323	79.79	36	25.019	177	67.26	0
17.2	39.949	331	45.79	24	47.080	178	47.33	13	16.318	317	80.15	17	24.842	172	67.26	26
27.2	39.618	313	45.55	77	46.902	160	47.46	2	16.001	301	79.98	68	24.670	158	67.00	52
Nov. 6.2	39.305	283	44.78	129	46.742	133	47.48	8	15.700	275	79.30	120	24.512	136	66.48	77
16.2	39.022	245	43.49	178	46.609	98	47.40	15	15.425	237	78.10	170	24.376	107	65.71	102
26.1	38.777	197	41.71	223	46.511	58	47.25	24	15.188	192	76.40	215	24.269	75	64.69	123
Dez. 6.1	38.580	142	39.48	263	46.453	15	47.01	29	14.996	141	74.25	254	24.194	37	63.46	142
16.1	38.438	83	36.85	293	46.438	30	46.72	34	14.855	84	71.71	287	24.157	1	62.04	156
26.1	38.355	20	33.92	315	46.468	74	46.38	38	14.771	24	68.84	309	24.158	40	60.48	166
36.0	38.335		30.77		46.542		46.00		14.747		65.75		24.198		58.82	
Mittl. Ort	38.342		16.19		43.125		56.32		14.543		50.03		21.674		45.26	
sec δ, tg δ	1.608		+1.260		1.104		−0.468		1.557		+1.193		1.017		+0.184	

Mittlere Zeit Greenw.	742) δ Cygni				743) δ Sagittae				745) α Aquilae*)				747) ε Draconis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$19^h 42^m$		+44° 55′		$19^h 43^m$		+18° 19′		$19^h 46^m$		+8° 38′		$19^h 48^m$		+70° 3′	
Jan. 1.0	23.563	18	54.05	303	43.451	57	55.86	205	46.647	68	65.91	155	23.61	11	41.40	326
11.0	23.581	71	51.02	307	43.508	96	53.81	206	46.715	103	64.36	154	23.50	1	38.14	338
21.0	23.652	125	47.95	302	43.604	131	51.75	198	46.818	137	62.82	146	23.49	—11	34.76	337
31.0	23.777	174	44.93	282	43.735	165	49.77	182	46.955	169	61.36	130	23.60	23	31.39	322
Feb. 9.9	23.951	220	42.11	253	43.900	196	47.95	157	47.124	196	60.06	108	23.83	34	28.17	296
19.9	24.171	262	39.58	212	44.096	222	46.38	124	47.320	222	58.98	81	24.17	44	25.21	257
März 1.9	24.433	298	37.46	164	44.318	247	45.14	86	47.542	243	58.17	47	24.61	53	22.64	208
11.9	24.731	327	35.82	108	44.565	266	44.28	43	47.785	263	57.70	12	25.14	59	20.56	152
21.8	25.058	350	34.74	49	44.831	283	43.85	—2	48.048	277	57.58	—26	25.73	65	19.04	89
31.8	25.408	363	34.25	—13	45.114	294	43.87	48	48.325	289	57.84	63	26.38	68	18.15	25
Apr. 10.8	25.771	370	34.38	73	45.408	301	44.35	92	48.614	295	58.47	99	27.06	68	17.90	—41
20.7	26.141	368	35.11	131	45.709	302	45.27	132	48.909	298	59.46	132	27.74	67	18.31	104
30.7	26.509	356	36.42	183	46.011	297	46.59	169	49.207	294	60.78	160	28.41	64	19.35	163
Mai 10.7	26.865	336	38.25	230	46.308	286	48.28	200	49.501	283	62.38	182	29.05	59	20.98	217
20.7	27.201	308	40.55	269	46.594	268	50.28	223	49.784	268	64.20	200	29.64	53	23.15	263
30.6	27.509	271	43.24	299	46.862	244	52.51	241	50.052	246	66.20	211	30.17	44	25.78	300
Juni 9.6	27.780	229	46.23	321	47.106	216	54.92	251	50.298	217	68.31	215	30.61	35	28.78	331
19.6	28.009	180	49.44	335	47.320	179	57.43	255	50.515	184	70.46	215	30.96	25	32.09	351
29.6	28.189	129	52.79	339	47.499	139	59.98	252	50.699	145	72.61	209	31.21	14	35.60	362
Juli 9.5	28.318	69	56.18	337	47.638	96	62.50	243	50.844	104	74.70	197	31.35	3	39.22	365
19.5	28.387	13	59.55	325	47.734	51	64.93	229	50.948	60	76.67	183	31.38	—8	42.87	359
29.5	28.400	—43	62.80	307	47.785	5	67.22	211	51.008	16	78.50	165	31.30	19	46.46	346
Aug. 8.4	28.357	98	65.87	282	47.790	—39	69.33	189	51.024	—27	80.15	144	31.11	29	49.92	324
18.4	28.259	148	68.69	253	47.751	80	71.22	164	50.997	68	81.59	122	30.82	39	53.16	297
28.4	28.111	193	71.22	217	47.671	117	72.86	135	50.929	104	82.81	98	30.43	47	56.13	262
Sept. 7.4	27.918	229	73.39	177	47.554	146	74.21	106	50.825	134	83.79	74	29.96	54	58.75	223
17.3	27.689	257	75.16	134	47.408	170	75.27	74	50.691	156	84.53	49	29.42	60	60.98	178
27.3	27.432	276	76.50	88	47.238	183	76.01	43	50.535	169	85.02	24	28.82	64	62.76	129
Okt. 7.3	27.156	283	77.38	40	47.055	188	76.44	9	50.366	174	85.26	—1	28.18	66	64.05	77
17.2	26.873	279	77.78	—10	46.867	183	76.53	—23	50.192	168	85.25	26	27.52	66	64.82	23
27.2	26.594	265	77.68	61	46.684	170	76.30	57	50.024	155	84.99	50	26.86	65	65.05	—34
Nov. 6.2	26.329	241	77.07	111	46.514	147	75.73	89	49.869	134	84.49	73	26.21	61	64.71	90
16.2	26.088	209	75.96	158	46.367	120	74.84	120	49.735	105	83.76	95	25.60	57	63.81	146
26.1	25.879	168	74.38	202	46.247	87	73.64	147	49.630	72	82.81	116	25.03	49	62.35	197
Dez. 6.1	25.711	122	72.36	241	46.160	48	72.17	171	49.558	36	81.65	132	24.54	40	60.38	245
16.1	25.589	72	69.95	273	46.112	10	70.46	191	49.522	—3	80.33	146	24.14	31	57.93	283
26.1	25.517	18	67.22	295	46.102	—30	68.55	203	49.525	41	78.87	154	23.83	20	55.10	314
36.0	25.499		64.27		46.132		66.52		49.566		77.33		23.63		51.96	
Mittl. Ort	24.741		47.79		43.879		52.11		46.944		63.15		27.47		32.62	
sec δ, tg δ	1.412		+0.997		1.053		+0.331		1.012		+0.152		2.932		+2.756	

*) Die jährliche Parallaxe (0.″23) ist bereits berücksichtigt.

Mittlere Zeit Greenw.	748) ε Pavonis AR.	Diff.	748) ε Pavonis Dekl.	Diff.	749) β Aquilae AR.	Diff.	749) β Aquilae Dekl.	Diff.	750) ψ Cygni AR.	Diff.	750) ψ Cygni Dekl.	Diff.	751) ϑ^1 Sagittarii AR.	Diff.	751) ϑ^1 Sagittarii Dekl.	Diff.
1918	$19^h 51^m$		$-73° 7'$		$19^h 51^m$		$+6° 11'$		$19^h 53^m$		$+52° 13'$		$19^h 54^m$		$-35° 29'$	
Jan. 1.1	5.78	10	45.96	306	16.862	61	66.63	143	29.072	19	22.55	312	23.871	83	58.20	109
11.0	5.88	24	42.90	311	16.923	98	65.20	142	29.053	44	19.43	321	23.954	127	57.11	117
21.0	6.12	36	39.79	307	17.021	131	63.78	134	29.097	106	16.22	318	24.081	169	55.94	121
31.0	6.48	49	36.72	297	17.152	162	62.44	120	29.203	167	13.04	303	24.250	205	54.73	125
Feb. 9.9	6.97	58	33.75	280	17.314	190	61.24	99	29.370	223	10.01	274	24.455	239	53.48	126
19.9	7.55	68	30.95	256	17.504	215	60.25	74	29.593	275	7.27	236	24.694	268	52.22	127
März 1.9	8.23	76	28.39	229	17.719	238	59.51	42	29.868	320	4.91	188	24.962	295	50.95	127
11.9	8.99	81	26.10	196	17.957	257	59.09	9	30.188	357	3.03	132	25.257	316	49.68	125
21.8	9.80	87	24.14	161	18.214	274	59.00	27	30.545	387	1.71	72	25.573	335	48.43	120
31.8	10.67	90	22.53	122	18.488	286	59.27	62	30.932	405	0.99	8	25.908	349	47.23	115
Apr. 10.8	11.57	91	21.31	82	18.774	294	59.89	96	31.337	415	0.91	55	26.257	360	46.08	107
20.8	12.48	91	20.49	39	19.068	297	60.85	126	31.752	414	1.46	115	26.617	363	45.01	96
30.7	13.39	90	20.10	3	19.365	295	62.11	152	32.166	402	2.61	172	26.980	362	44.05	82
Mai 10.7	14.29	86	20.13	46	19.660	286	63.63	174	32.568	379	4.33	221	27.342	353	43.23	66
20.7	15.15	80	20.59	87	19.946	271	65.37	190	32.947	348	6.54	265	27.695	337	42.57	48
30.6	15.95	73	21.46	127	20.217	250	67.27	199	33.295	306	9.19	303	28.032	314	42.09	28
Juni 9.6	16.68	65	22.73	162	20.467	223	69.26	203	33.601	258	12.22	326	28.346	282	41.81	7
19.6	17.33	53	24.35	193	20.690	191	71.29	202	33.859	202	15.48	344	28.628	245	41.74	15
29.6	17.86	42	26.28	219	20.881	152	73.31	195	34.061	142	18.92	350	28.873	199	41.89	34
Juli 9.5	18.28	28	28.47	238	21.033	112	75.26	185	34.203	78	22.42	353	29.072	151	42.23	53
19.5	18.56	15	30.85	250	21.145	68	77.11	170	34.281	13	25.95	344	29.223	98	42.76	68
29.5	18.71	0	33.35	252	21.213	23	78.81	152	34.294	52	29.39	330	29.321	43	43.44	81
Aug. 8.5	18.71	14	35.87	247	21.236	20	80.33	132	34.242	113	32.69	306	29.364	11	44.25	88
18.4	18.57	27	38.34	232	21.216	61	81.65	111	34.129	171	35.75	278	29.353	63	45.13	93
28.4	18.30	39	40.66	209	21.155	98	82.76	89	33.958	223	38.53	243	29.290	109	46.06	91
Sept. 7.4	17.91	50	42.75	176	21.057	128	83.65	66	33.735	266	40.96	204	29.181	149	46.97	85
17.3	17.41	58	44.51	136	20.929	152	84.31	43	33.469	299	43.00	160	29.032	180	47.82	74
27.3	16.83	64	45.87	90	20.777	166	84.74	20	33.170	323	44.60	113	28.852	199	48.56	58
Okt. 7.3	16.19	67	46.77	39	20.611	171	84.94	3	32.847	334	45.73	63	28.653	208	49.14	41
17.3	15.52	68	47.16	15	20.440	168	84.91	26	32.513	334	46.36	9	28.445	204	49.55	20
27.2	14.84	64	47.01	69	20.272	155	84.65	47	32.179	323	46.45	43	28.241	190	49.75	2
Nov. 6.2	14.20	57	46.32	121	20.117	134	84.18	68	31.856	300	46.02	96	28.051	164	49.73	24
16.2	13.63	50	45.11	171	19.983	108	83.50	89	31.556	266	45.06	148	27.887	131	49.49	44
26.2	13.13	39	43.40	213	19.875	75	82.61	106	31.290	225	43.58	197	27.756	89	49.05	62
Dez. 6.1	12.74	26	41.27	250	19.800	39	81.55	123	31.065	175	41.61	239	27.667	44	48.43	79
16.1	12.48	12	38.77	277	19.761	3	80.32	135	30.890	119	39.22	275	27.623	2	47.64	93
26.1	12.36	0	36.00	297	19.758	36	78.97	142	30.771	59	36.47	301	27.625	51	46.71	103
36.0	12.36		33.03		19.794		77.55		30.712		33.46		27.676		45.68	
Mittl. Ort	7.80		42.94		17.121		63.85		30.613		14.63		24.078		56.75	
sec δ, tg δ	3.446		−3.297		1.006		+0.109		1.632		+1.290		1.228		−0.713	

Mittlere Zeit Greenw.	752) γ Sagittae				754) δ Pavonis				756) ϑ Aquilae				757) o¹ Cygni sq.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	19h 55m		+19° 15′		20h 0m		−66° 23′		20h 7m		−1° 3′		20h 11m		+46° 29′	
Jan. 1.1	6.186	48	71.47	206	40.48	8	36.90	274	4.304	53	53.78	97	1.831	23	40.12	292
11.0	6.234	84	69.41	208	40.56	18	34.16	283	4.357	87	54.75	94	1.808	31	37.20	303
21.0	6.318	119	67.33	201	40.74	27	31.33	282	4.444	120	55.69	87	1.839	85	34.17	303
31.0	6.437	153	65.32	185	41.01	35	28.51	277	4.564	151	56.56	74	1.924	138	31.14	291
Feb. 9.9	6.590	185	63.47	162	41.36	42	25.74	264	4.715	179	57.30	57	2.062	187	28.23	266
19.9	6.775	214	61.85	129	41.78	49	23.10	246	4.894	205	57.87	34	2.249	235	25.57	231
März 1.9	6.989	239	60.56	92	42.27	55	20.64	225	5.099	229	58.21	10	2.484	277	23.26	187
11.9	7.228	262	59.64	49	42.82	60	18.39	197	5.328	250	58.31	19	2.761	313	21.39	134
21.8	7.490	279	59.15	4	43.42	64	16.42	167	5.578	268	58.12	47	3.074	343	20.05	77
31.8	7.769	293	59.11	42	44.06	66	14.75	135	5.846	283	57.65	76	3.417	364	19.28	17
Apr. 10.8	8.062	302	59.53	88	44.72	68	13.40	98	6.129	293	56.89	103	3.781	378	19.11	45
20.8	8.364	304	60.41	128	45.40	68	12.42	61	6.422	299	55.86	127	4.159	381	19.56	103
30.7	8.668	302	61.69	167	46.08	68	11.81	21	6.721	300	54.59	146	4.540	377	20.59	158
Mai 10.7	8.970	292	63.36	198	46.76	65	11.60	18	7.021	293	53.13	162	4.917	362	22.17	208
20.7	9.262	275	65.34	224	47.41	62	11.78	57	7.314	283	51.51	172	5.279	338	24.25	251
30.7	9.537	253	67.58	243	48.03	57	12.35	94	7.597	263	49.79	177	5.617	305	26.76	287
Juni 9.6	9.790	224	70.01	254	48.60	52	13.29	131	7.860	238	48.02	177	5.922	265	29.63	313
19.6	10.014	189	72.55	259	49.12	43	14.60	162	8.098	208	46.25	173	6.187	218	32.76	333
29.6	10.203	149	75.14	258	49.55	35	16.22	189	8.306	171	44.52	163	6.405	166	36.09	342
Juli 9.5	10.352	107	77.72	250	49.90	26	18.11	211	8.477	131	42.89	150	6.571	109	39.51	344
19.5	10.459	62	80.22	237	50.16	15	20.22	225	8.608	87	41.39	136	6.680	50	42.95	338
29.5	10.521	15	82.59	219	50.31	5	22.47	232	8.695	43	40.03	118	6.730	8	46.33	324
Aug. 8.5	10.536	29	84.78	198	50.36	6	24.79	231	8.738	2	38.85	99	6.722	66	49.57	304
18.4	10.507	72	86.76	173	50.30	16	27.10	222	8.736	44	37.86	80	6.656	120	52.61	278
28.4	10.435	109	88.49	144	50.14	24	29.32	203	8.692	82	37.06	61	6.536	169	55.39	246
Sept. 7.4	10.326	140	89.93	115	49.90	34	31.35	176	8.610	114	36.45	43	6.367	210	57.85	209
17.4	10.186	165	91.08	84	49.56	39	33.11	143	8.496	140	36.02	24	6.157	244	59.94	168
27.3	10.021	181	91.92	50	49.17	44	34.54	101	8.356	157	35.78	8	5.913	267	61.62	123
Okt. 7.3	9.840	186	92.42	18	48.73	46	35.55	56	8.199	164	35.70	9	5.646	281	62.85	77
17.3	9.654	185	92.60	16	48.27	47	36.11	8	8.035	163	35.79	24	5.365	284	63.62	25
27.2	9.469	172	92.44	51	47.80	44	36.19	43	7.872	153	36.03	38	5.081	277	63.87	27
Nov. 6.2	9.297	153	91.93	82	47.36	41	35.76	92	7.719	135	36.41	53	4.804	259	63.60	77
16.2	9.144	127	91.11	115	46.95	34	34.84	137	7.584	109	36.94	65	4.545	232	62.83	127
26.2	9.017	94	89.96	143	46.61	27	33.47	179	7.475	80	37.59	76	4.313	197	61.56	174
Dez. 6.1	8.923	59	88.53	169	46.34	18	31.68	215	7.395	46	38.35	87	4.116	155	59.82	217
16.1	8.864	20	86.84	188	46.16	8	29.53	243	7.349	9	39.22	93	3.961	109	57.65	253
26.1	8.844	18	84.96	203	46.08	1	27.10	264	7.340	27	40.15	98	3.852	58	55.12	281
36.1	8.862		82.93		46.09		24.46		7.367		41.13		3.794		52.31	
Mittl. Ort	6.605		66.99		41.67		33.49		4.472		56.12		2.969		31.23	
sec δ, tg δ	1.059		+0.350		2.497		−2.288		1.000		−0.019		1.453		+1.054	

Mittlere Zeit Greenw.	759) κ Cephei				760) 24 Vulpeculae				761) α^2 Capricorni				764) α Pavonis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$20^h\,11^m$		$+77^\circ\,27'$		$20^h\,13^m$		$+24^\circ\,24'$		$20^h\,13^m$		$-12^\circ\,47'$		$20^h\,19^m$		$-56^\circ\,59'$	
Jan. 1.1	34.09	36	65.84	306	16.093	21	69.97	222	30.280	53	58.60	26	9.570	44	59.76	230
11.0	33.73	18	62.78	327	16.114	60	67.75	226	30.333	88	58.86	21	9.614	112	57.46	243
21.0	33.55	2	59.51	333	16.174	98	65.49	222	30.421	123	59.07	13	9.726	176	55.03	250
31.0	33.57	21	56.18	327	16.272	134	63.27	209	30.544	153	59.20	3	9.902	236	52.53	250
Feb. 9.9	33.78	40	52.91	308	16.406	169	61.18	185	30.697	183	59.23	11	10.138	292	50.03	245
19.9	34.18	56	49.83	277	16.575	201	59.33	154	30.880	208	59.12	27	10.430	342	47.58	237
März 1.9	34.74	72	47.06	234	16.776	230	57.79	116	31.088	233	58.85	45	10.772	385	45.21	223
11.9	35.46	85	44.72	183	17.006	255	56.63	72	31.321	255	58.40	63	11.157	425	42.98	205
21.8	36.31	94	42.89	125	17.261	278	55.91	24	31.576	274	57.77	82	11.582	457	40.93	184
31.8	37.25	100	41.64	63	17.539	295	55.67	24	31.850	289	56.95	98	12.039	483	39.09	159
Apr. 10.8	38.25	104	41.01	2	17.834	307	55.91	73	32.139	301	55.97	114	12.522	502	37.50	132
20.8	39.29	103	41.03	65	18.141	313	56.64	120	32.440	309	54.83	127	13.024	512	36.18	101
30.7	40.32	99	41.68	127	18.454	312	57.84	162	32.749	310	53.56	135	13.536	513	35.17	68
Mai 10.7	41.31	92	42.95	181	18.766	305	59.46	198	33.059	306	52.21	139	14.049	505	34.49	34
20.7	42.23	83	44.76	233	19.071	290	61.44	229	33.365	295	50.82	139	14.554	485	34.15	1
30.7	43.06	72	47.09	274	19.361	268	63.73	252	33.660	278	49.43	135	15.039	455	34.16	37
Juni 9.6	43.78	57	49.83	310	19.629	241	66.25	268	33.938	254	48.08	128	15.494	414	34.53	71
19.6	44.35	42	52.93	336	19.870	205	68.93	278	34.192	222	46.80	115	15.908	362	35.24	103
29.6	44.77	26	56.29	354	20.075	166	71.71	280	34.414	187	45.65	103	16.270	301	36.27	133
Juli 9.5	45.03	9	59.83	363	20.241	122	74.51	275	34.601	145	44.62	85	16.571	233	37.60	158
19.5	45.12	8	63.46	364	20.363	75	77.26	264	34.746	101	43.77	70	16.804	157	39.18	176
29.5	45.04	25	67.10	357	20.438	29	79.90	249	34.847	55	43.07	52	16.961	78	40.94	190
Aug. 8.5	44.79	41	70.67	342	20.467	18	82.39	227	34.902	9	42.55	35	17.039	0	42.84	196
18.4	44.38	56	74.09	319	20.449	63	84.66	203	34.911	35	42.20	19	17.039	78	44.80	194
28.4	43.82	70	77.28	291	20.386	102	86.69	174	34.876	76	42.01	6	16.961	149	46.74	185
Sept. 7.4	43.12	81	80.19	257	20.284	136	88.43	143	34.800	110	41.95	5	16.812	213	48.59	167
17.4	42.31	91	82.76	216	20.148	163	89.86	109	34.690	138	42.00	15	16.599	265	50.26	143
27.3	41.40	99	84.92	171	19.985	182	90.95	74	34.552	156	42.15	22	16.334	303	51.69	111
Okt. 7.3	40.41	104	86.63	120	19.803	192	91.69	38	34.396	165	42.37	27	16.031	325	52.80	74
17.3	39.37	106	87.83	68	19.611	193	92.07	0	34.231	165	42.64	30	15.706	331	53.54	34
27.2	38.31	107	88.51	12	19.418	184	92.07	37	34.066	155	42.94	32	15.375	321	53.88	9
Nov. 6.2	37.24	103	88.63	45	19.234	168	91.70	75	33.911	137	43.26	34	15.054	293	53.79	52
16.2	36.21	97	88.18	103	19.066	144	90.95	110	33.774	113	43.60	34	14.761	252	53.27	94
26.2	35.24	89	87.15	157	18.922	115	89.85	144	33.661	81	43.94	35	14.509	201	52.33	132
Dez. 6.1	34.35	77	85.58	208	18.807	81	88.41	173	33.580	47	44.29	34	14.308	140	51.01	166
16.1	33.58	62	83.50	254	18.726	44	86.68	198	33.533	10	44.63	33	14.168	74	49.35	196
26.1	32.96	47	80.96	290	18.682	6	84.70	215	33.523	27	44.96	30	14.094	4	47.39	218
36.1	32.49		78.06		18.676		82.55		33.550		45.26		14.090		45.21	
Mittl. Ort	40.49		54.18		16.550		63.79		30.384		59.45		10.166		55.91	
sec δ, tg δ	4.608		+4.498		1.098		+0.454		1.025		−0.227		1.836		−1.540	

Mittlere Zeit Greenw.	765) γ Cygni				767) ϑ Cephei				768) ε Delphini				769) α Indi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	20ʰ 19ᵐ		+39° 59′		20ʰ 28ᵐ		+62° 42′		20ʰ 29ᵐ		+11° 1′		20ʰ 31ᵐ		−47° 34′	
Jan. 1.1	16.256	14	45.61	272	10.25	14	77.58	301	17.518	22	30.33	154	47.969	32	45.94	179
11.0	16.242	33	42.89	282	10.11	5	74.57	322	17.540	56	28.79	157	48.001	84	44.15	194
21.0	16.275	79	40.07	283	10.06	3	71.35	329	17.596	91	27.22	151	48.085	135	42.21	204
31.0	16.354	126	37.24	270	10.09	12	68.06	323	17.687	123	25.71	138	48.220	183	40.17	209
Feb. 10.0	16.480	170	34.54	248	10.21	20	64.83	306	17.810	153	24.33	120	48.403	227	38.08	211
19.9	16.650	212	32.06	215	10.41	28	61.77	274	17.963	183	23.13	93	48.630	268	35.97	209
März 1.9	16.862	250	29.91	173	10.69	35	59.03	234	18.146	211	22.20	62	48.898	304	33.88	204
11.9	17.112	283	28.18	124	11.04	41	56.69	183	18.357	235	21.58	27	49.202	338	31.84	195
21.9	17.395	310	26.94	68	11.45	47	54.86	125	18.592	257	21.31	11	49.540	367	29.89	182
31.8	17.705	333	26.26	12	11.92	50	53.61	63	18.849	276	21.42	49	49.907	391	28.07	167
Apr. 10.8	18.038	347	26.14	47	12.42	52	52.98	1	19.125	290	21.91	88	50.298	409	26.40	148
20.8	18.385	353	26.61	103	12.94	53	52.99	64	19.415	300	22.79	122	50.707	423	24.92	126
30.7	18.738	351	27.64	154	13.47	53	53.63	126	19.715	302	24.01	155	51.130	427	23.66	100
Mai 10.7	19.089	342	29.18	202	14.00	51	54.89	182	20.017	300	25.56	181	51.557	424	22.66	73
20.7	19.431	322	31.20	243	14.51	47	56.71	233	20.317	290	27.37	202	51.981	412	21.93	43
30.7	19.753	295	33.63	276	14.98	42	59.04	276	20.607	272	29.39	218	52.393	390	21.50	13
Juni 9.6	20.048	262	36.39	301	15.40	36	61.80	311	20.879	250	31.57	226	52.783	360	21.37	18
19.6	20.310	219	39.40	319	15.76	30	64.91	338	21.129	219	33.83	229	53.143	320	21.55	50
29.6	20.529	174	42.59	328	16.06	21	68.29	357	21.348	184	36.12	226	53.463	272	22.05	78
Juli 9.6	20.703	122	45.87	329	16.27	14	71.86	366	21.532	144	38.38	218	53.735	217	22.83	103
19.5	20.825	69	49.16	322	16.41	5	75.52	367	21.676	100	40.56	205	53.952	156	23.86	126
29.5	20.894	15	52.38	309	16.46	3	79.19	360	21.776	56	42.61	189	54.108	91	25.12	143
Aug. 8.5	20.909	37	55.47	290	16.43	11	82.79	345	21.832	11	44.50	169	54.199	27	26.55	154
18.4	20.872	88	58.37	264	16.32	19	86.24	324	21.843	32	46.19	146	54.226	38	28.09	158
28.4	20.784	134	61.01	233	16.13	26	89.48	294	21.811	72	47.65	123	54.188	98	29.67	156
Sept. 7.4	20.650	173	63.34	199	15.87	32	92.42	260	21.739	106	48.88	97	54.090	152	31.23	148
17.4	20.477	205	65.33	159	15.55	38	95.02	219	21.633	133	49.85	72	53.938	195	32.71	131
27.3	20.272	228	66.92	117	15.17	41	97.21	174	21.500	154	50.57	45	53.743	228	34.02	110
Okt. 7.3	20.044	241	68.09	73	14.76	44	98.95	125	21.346	165	51.02	19	53.515	248	35.12	81
17.3	19.803	244	68.82	26	14.32	46	100.20	71	21.181	167	51.21	8	53.267	255	35.93	50
27.3	19.559	239	69.08	22	13.86	45	100.91	16	21.014	161	51.13	34	53.012	248	36.43	15
Nov. 6.2	19.320	222	68.86	70	13.41	45	101.07	40	20.853	147	50.79	58	52.764	229	36.58	20
16.2	19.098	199	68.16	117	12.96	41	100.67	98	20.706	127	50.21	84	52.535	198	36.38	54
26.2	18.899	169	66.99	161	12.55	37	99.69	152	20.579	100	49.37	105	52.337	158	35.84	88
Dez. 6.1	18.730	131	65.38	201	12.18	32	98.17	203	20.479	70	48.32	125	52.179	111	34.96	118
16.1	18.599	90	63.37	235	11.86	26	96.14	248	20.409	37	47.07	140	52.068	60	33.78	145
26.1	18.509	45	61.02	261	11.60	18	93.66	285	20.372	3	45.67	152	52.008	6	32.33	166
36.1	18.464		58.41		11.42		90.81		20.369		44.15		52.002		30.67	
Mittl. Ort	17.093		36.87		12.50		65.39		17.730		25.45		48.265		42.34	
sec δ, tg δ	1.305		+0.839		2.182		+1.939		1.019		+0.195		1.482		−1.094	

Mittlere Zeit Greenw.	770) 73 Draconis				771) β Delphini				773) υ Capricorni				774) α Delphini			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	20ʰ 32ᵐ		+74° 40′		20ʰ 33ᵐ		+14° 18′		20ʰ 35ᵐ		−18° 25′		20ʰ 35ᵐ		+15° 37′	
Jan. 1.1	31.60ˢ	34	39.32″	294	41.989ˢ	15	38.35″	169	22.987ˢ	34	41.56″	10	49.516ˢ	12	25.03″	174
11.1	31.26	19	36.38	319	42.004	50	36.66	172	23.021	69	41.46	18	49.528	46	23.29	178
21.0	31.07	4	33.19	332	42.054	84	34.94	168	23.090	103	41.28	28	49.574	81	21.51	174
31.0	31.03	—12	29.87	330	42.138	117	33.26	156	23.193	135	41.00	39	49.655	114	19.77	162
Feb. 10.0	31.15	27	26.57	316	42.255	149	31.70	136	23.328	166	40.61	52	49.769	146	18.15	143
19.9	31.42	41	23.41	289	42.404	179	30.34	110	23.494	195	40.09	65	49.915	178	16.72	117
März 1.9	31.83	55	20.52	251	42.583	208	29.24	78	23.689	222	39.44	80	50.093	206	15.55	83
11.9	32.38	65	18.01	203	42.791	233	28.46	40	23.911	246	38.64	94	50.299	233	14.72	47
21.9	33.03	76	15.98	147	43.024	257	28.06	1	24.157	268	37.70	108	50.532	257	14.25	5
31.8	33.79	81	14.51	86	43.281	277	28.05	—40	24.425	288	36.62	120	50.789	276	14.20	—37
Apr. 10.8	34.60	86	13.65	22	43.558	291	28.45	82	24.713	303	35.42	130	51.065	292	14.57	78
20.8	35.46	86	13.43	—42	43.849	302	29.27	119	25.016	315	34.12	137	51.357	302	15.35	117
30.8	36.32	86	13.85	103	44.151	305	30.46	153	25.331	320	32.75	140	51.659	307	16.52	154
Mai 10.7	37.18	81	14.88	162	44.456	303	31.99	184	25.651	319	31.35	139	51.966	303	18.06	184
20.7	37.99	74	16.50	214	44.759	293	33.83	207	25.970	311	29.96	133	52.269	295	19.90	209
30.7	38.73	66	18.64	261	45.052	275	35.90	225	26.281	297	28.63	125	52.564	277	21.99	228
Juni 9.6	39.39	56	21.25	299	45.327	253	38.15	237	26.578	275	27.38	113	52.841	255	24.27	241
19.6	39.95	44	24.24	329	45.580	222	40.52	242	26.853	245	26.25	97	53.096	224	26.68	246
29.6	40.39	30	27.53	351	45.802	187	42.94	241	27.098	211	25.28	79	53.320	188	29.14	247
Juli 9.6	40.69	17	31.04	365	45.989	147	45.35	234	27.309	170	24.49	61	53.508	148	31.61	240
19.5	40.86	3	34.69	369	46.136	103	47.69	223	27.479	125	23.88	41	53.656	105	34.01	230
29.5	40.89	—11	38.38	366	46.239	58	49.92	206	27.604	79	23.47	22	53.761	59	36.31	213
Aug. 8.5	40.78	24	42.04	355	46.297	13	51.98	187	27.683	30	23.25	5	53.820	13	38.44	195
18.5	40.54	37	45.59	337	46.310	—31	53.85	164	27.713	—16	23.20	—10	53.833	—30	40.39	171
28.4	40.17	49	48.96	310	46.279	70	55.49	140	27.697	58	23.30	24	53.803	70	42.10	146
Sept. 7.4	39.68	60	52.06	279	46.209	106	56.89	113	27.639	97	23.54	33	53.733	105	43.56	120
17.4	39.08	68	54.85	241	46.103	134	58.02	85	27.542	128	23.87	39	53.628	134	44.76	91
27.3	38.40	76	57.26	197	45.969	154	58.87	57	27.414	150	24.26	43	53.494	155	45.67	62
Okt. 7.3	37.64	81	59.23	148	45.815	166	59.44	28	27.264	164	24.69	43	53.339	167	46.29	32
17.3	36.83	83	60.71	97	45.649	170	59.72	—2	27.100	167	25.12	41	53.172	171	46.61	1
27.3	36.00	85	61.68	40	45.479	165	59.70	30	26.933	161	25.53	37	53.001	167	46.62	—28
Nov. 6.2	35.15	84	62.08	—17	45.314	151	59.40	58	26.772	147	25.90	31	52.834	153	46.34	57
16.2	34.31	79	61.91	76	45.163	132	58.82	86	26.625	124	26.21	25	52.681	135	45.77	86
26.2	33.52	73	61.15	133	45.031	106	57.96	110	26.501	97	26.46	18	52.546	109	44.91	113
Dez. 6.2	32.79	65	59.82	186	44.925	77	56.86	133	26.404	64	26.64	12	52.437	80	43.78	135
16.1	32.14	55	57.96	235	44.848	44	55.53	152	26.340	28	26.76	4	52.357	47	42.43	155
26.1	31.59	42	55.61	276	44.804	10	54.01	165	26.312	—7	26.80	—3	52.310	13	40.88	170
36.1	31.17		52.85		44.794		52.36		26.319		26.77		52.297		39.18	
Mittl. Ort	36.34		25.70		42.226		32.72		23.035		41.64		49.761		19.08	
sec δ, tg δ	3.783		+3.649		1.032		+0.255		1.054		−0.333		1.038		+0.280	

Mittlere Zeit Greenw.	775) β Pavonis AR.		775) β Pavonis Dekl.		777) α Cygni AR.		777) α Cygni Dekl.		780) ε Cygni AR.		780) ε Cygni Dekl.		781) ε Aquarii AR.		781) ε Aquarii Dekl.	
1918	$20^h 37^m$		−66° 29′		$20^h 38^m$		+44° 59′		$20^h 42^m$		+33° 39′		$20^h 43^m$		−9° 47′	
Jan. 1.1	34.09	2	61.93	272	37.231	51	23.07	272	53.029	23	54.28	240	14.265	23	46.58	40
11.1	34.07	7	59.21	289	37.180	1	20.35	288	53.006	17	51.88	251	14.288	57	46.98	33
21.0	34.14	17	56.32	299	37.179	50	17.47	294	53.023	59	49.37	253	14.345	89	47.31	25
31.0	34.31	25	53.33	300	37.229	101	14.53	286	53.082	100	46.84	245	14.434	121	47.56	12
Feb. 10.0	34.56	33	50.33	295	37.330	150	11.67	268	53.182	141	44.39	227	14.555	151	47.68	2
19.9	34.89	40	47.38	285	37.480	199	8.99	238	53.323	179	42.12	198	14.706	179	47.66	20
März 1.9	35.29	47	44.53	268	37.679	243	6.61	198	53.502	217	40.14	160	14.885	206	47.46	40
11.9	35.76	53	41.85	246	37.922	283	4.63	151	53.719	250	38.54	116	15.091	231	47.06	61
21.9	36.29	58	39.39	219	38.205	318	3.12	96	53.969	279	37.38	66	15.322	253	46.45	83
31.8	36.87	61	37.20	189	38.523	345	2.16	39	54.248	303	36.72	14	15.575	274	45.62	103
Apr. 10.8	37.48	65	35.31	155	38.868	364	1.77	21	54.551	322	36.58	41	15.849	291	44.59	122
20.8	38.13	67	33.76	117	39.232	376	1.98	79	54.873	333	36.99	93	16.140	302	43.37	137
30.8	38.80	67	32.59	78	39.608	378	2.77	135	55.206	338	37.92	142	16.442	309	42.00	149
Mai 10.7	39.47	66	31.81	36	39.986	370	4.12	185	55.544	334	39.34	187	16.751	309	40.51	157
20.7	40.13	65	31.45	6	40.356	352	5.97	231	55.878	321	41.21	226	17.060	303	38.94	160
30.7	40.78	60	31.51	48	40.708	327	8.28	269	56.199	302	43.47	258	17.363	289	37.34	157
Juni 9.6	41.38	56	31.99	89	41.035	291	10.97	299	56.501	273	46.05	283	17.652	269	35.77	152
19.6	41.94	49	32.88	127	41.326	249	13.96	322	56.774	239	48.88	300	17.921	241	34.25	142
29.6	42.43	41	34.15	161	41.575	201	17.18	336	57.013	198	51.88	310	18.162	208	32.83	128
Juli 9.6	42.84	33	35.76	190	41.776	147	20.54	341	57.211	152	54.98	312	18.370	169	31.55	111
19.5	43.17	23	37.66	212	41.923	91	23.95	339	57.363	103	58.10	307	18.539	126	30.44	94
29.5	43.40	12	39.78	229	42.014	34	27.34	330	57.466	53	61.17	295	18.665	81	29.50	75
Aug. 8.5	43.52	2	42.07	235	42.048	24	30.64	314	57.519	3	64.12	278	18.746	36	28.75	56
18.5	43.54	9	44.42	235	42.024	79	33.78	291	57.522	46	66.90	254	18.782	10	28.19	38
28.4	43.45	19	46.77	225	41.945	128	36.69	262	57.476	91	69.44	228	18.772	51	27.81	20
Sept. 7.4	43.26	28	49.02	204	41.817	173	39.31	229	57.385	130	71.72	196	18.721	87	27.61	6
17.4	42.98	35	51.06	177	41.644	209	41.60	191	57.255	162	73.68	160	18.634	118	27.55	8
27.3	42.63	41	52.83	141	41.435	237	43.51	149	57.093	187	75.28	122	18.516	141	27.63	19
Okt. 7.3	42.22	46	54.24	99	41.198	256	45.00	103	56.906	203	76.50	82	18.375	154	27.82	27
17.3	41.76	47	55.23	51	40.942	264	46.03	55	56.703	209	77.32	39	18.221	158	28.09	34
27.3	41.29	47	55.74	1	40.678	262	46.58	5	56.494	208	77.71	4	18.063	154	28.43	39
Nov. 6.2	40.82	44	55.75	51	40.416	251	46.63	46	56.286	196	77.67	48	17.909	142	28.82	42
16.2	40.38	40	55.24	101	40.165	232	46.17	96	56.090	179	77.19	91	17.767	122	29.24	45
26.2	39.98	33	54.23	148	39.933	203	45.21	143	55.911	153	76.28	133	17.645	96	29.69	47
Dez. 6.2	39.65	26	52.75	190	39.730	168	43.78	189	55.758	123	74.95	170	17.549	67	30.16	47
16.1	39.39	18	50.85	227	39.562	128	41.89	227	55.635	89	73.25	203	17.482	35	30.63	46
26.1	39.21	8	48.58	256	39.434	83	39.62	258	55.546	50	71.22	228	17.447	1	31.09	44
36.1	39.13		46.02		39.351		37.04		55.496		68.94		17.446		31.53	
Mittl. Ort	35.16		56.71		38.161		12.14		53.572		44.82		14.301		48.16	
sec δ, tg δ	2.508		−2.300		1.414		+1.000		1.201		+0.666		1.015		−0.173	

Mittlere Zeit Greenw.	783) η Cephei				784) λ Cygni				785) β Indi				786) 32 Vulpeculae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	20h 43m		+61° 31′		20h 44m		+36° 11′		20h 48m		−58° 45′		20h 51m		+27° 44′	
	s		″		s		″		s		″		s		″	
Jan. 1.1	35.47	15	25.18	287	12.224	32	29.63	246	24.046	16	57.34	233	3.505	20	51.23	216
11.1	35.32	8	22.31	310	12.192	11	27.17	261	24.030	54	55.01	252	3.485	17	49.07	226
21.0	35.24	1	19.21	322	12.203	54	24.56	263	24.084	121	52.49	265	3.502	55	46.81	228
31.0	35.25	9	15.99	320	12.257	97	21.93	256	24.205	186	49.84	271	3.557	93	44.53	220
Feb. 10.0	35.34	16	12.79	305	12.354	139	19.37	238	24.391	247	47.13	272	3.650	130	42.33	202
20.0	35.50	25	9.74	278	12.493	180	16.99	208	24.638	303	44.41	267	3.780	166	40.31	175
März 1.9	35.75	31	6.96	240	12.673	218	14.91	172	24.941	354	41.74	256	3.946	201	38.56	140
11.9	36.06	38	4.56	192	12.891	253	13.19	126	25.295	401	39.18	241	4.147	233	37.16	99
21.9	36.44	44	2.64	137	13.144	284	11.93	76	25.696	441	36.77	222	4.380	261	36.17	52
31.8	36.88	47	1.27	76	13.428	309	11.17	22	26.137	476	34.55	197	4.641	286	35.65	3
Apr. 10.8	37.35	51	0.51	13	13.737	328	10.95	34	26.613	503	32.58	170	4.927	305	35.62	47
20.8	37.86	51	0.38	50	14.065	340	11.29	87	27.116	523	30.88	139	5.232	318	36.09	95
30.8	38.37	52	0.88	112	14.405	345	12.16	139	27.639	531	29.49	104	5.550	324	37.04	141
Mai 10.7	38.89	50	2.00	169	14.750	340	13.55	184	28.170	531	28.45	68	5.874	323	38.45	182
20.7	39.39	47	3.69	221	15.090	327	15.39	226	28.701	518	27.77	30	6.197	313	40.27	218
30.7	39.86	44	5.90	266	15.417	307	17.65	259	29.219	495	27.47	10	6.510	297	42.45	246
Juni 9.7	40.30	37	8.56	304	15.724	278	20.24	286	29.714	458	27.57	48	6.807	272	44.91	268
19.6	40.67	32	11.60	333	16.002	242	23.10	304	30.172	411	28.05	85	7.079	240	47.59	283
29.6	40.99	24	14.93	354	16.244	199	26.14	315	30.583	353	28.90	119	7.319	203	50.42	291
Juli 9.6	41.23	17	18.47	366	16.443	154	29.29	319	30.936	285	30.09	150	7.522	160	53.33	291
19.5	41.40	9	22.13	370	16.597	102	32.48	314	31.221	209	31.59	176	7.682	114	56.24	285
29.5	41.49	1	25.83	366	16.699	51	35.62	304	31.430	128	33.35	194	7.796	67	59.09	272
Aug. 8.5	41.50	7	29.49	353	16.750	0	38.66	287	31.558	46	35.29	206	7.863	18	61.81	256
18.5	41.43	15	33.02	335	16.750	49	41.53	265	31.604	37	37.35	211	7.881	29	64.37	233
28.4	41.28	22	36.37	308	16.701	96	44.18	236	31.567	116	39.46	206	7.852	71	66.70	207
Sept. 7.4	41.06	28	39.45	275	16.605	136	46.54	205	31.451	187	41.52	193	7.781	110	68.77	177
17.4	40.78	34	42.20	237	16.469	169	48.59	169	31.264	249	43.45	172	7.671	142	70.54	144
27.4	40.44	37	44.57	193	16.300	195	50.28	130	31.015	296	45.17	143	7.529	167	71.98	109
Okt. 7.3	40.07	41	46.50	145	16.105	212	51.58	88	30.719	329	46.60	108	7.362	182	73.07	72
17.3	39.66	43	47.95	94	15.893	219	52.46	44	30.390	346	47.68	67	7.180	189	73.79	33
27.3	39.23	42	48.89	38	15.674	217	52.90	0	30.044	344	48.35	24	6.991	189	74.12	6
Nov. 6.2	38.81	43	49.27	18	15.457	207	52.90	47	29.700	327	48.59	23	6.802	179	74.06	45
16.2	38.38	39	49.09	75	15.250	189	52.43	91	29.373	295	48.36	68	6.623	162	73.61	85
26.2	37.99	36	48.34	131	15.061	165	51.52	134	29.078	249	47.68	112	6.461	140	72.76	120
Dez. 6.2	37.63	32	47.03	183	14.896	133	50.18	173	28.829	194	46.56	152	6.321	112	71.56	155
16.1	37.31	26	45.20	230	14.763	98	48.45	208	28.635	131	45.04	187	6.209	80	70.01	184
26.1	37.05	20	42.90	269	14.665	59	46.37	236	28.504	63	43.17	217	6.129	45	68.17	207
36.1	36.85		40.21		14.606		44.01		28.441		41.00		6.084		66.10	
Mittl. Ort	37.45		11.71		12.827		19.67		24.617		52.13		3.881		42.33	
sec δ, tg δ	2.097		+1.843		1.239		+0.732		1.928		−1.649		1.130		+0.526	

Mittlere Zeit Greenw.	788) ν Cygni AR.		788) ν Cygni Dekl.		790) ζ Microscopii AR.		790) ζ Microscopii Dekl.		793) 61 Cygni pr.*) AR.		793) 61 Cygni pr.*) Dekl.		794) ν Aquarii AR.		794) ν Aquarii Dekl.	
1918	$20^h\ 54^m$		$+40°\ 50'$		$20^h\ 57^m$		$-38°\ 56'$		$21^h\ 3^m$		$+38°\ 20'$		$21^h\ 5^m$		$-11°\ 41'$	
Jan. 1.1	6.231	54	74.30	253	43.718	4	72.61	127	12.627	42	55.26	233	7.794	5	74.56	27
11.1	6.177	10	71.77	270	43.722	47	71.34	144	12.585	1	52.93	249	7.799	36	74.83	18
21.1	6.167	36	69.07	276	43.769	89	69.90	159	12.584	43	50.44	256	7.835	68	75.01	9
31.0	6.203	83	66.31	271	43.858	130	68.31	170	12.627	87	47.88	252	7.903	99	75.10	5
Feb. 10.0	6.286	129	63.60	256	43.988	169	66.61	178	12.714	130	45.36	236	8.002	130	75.05	19
20.0	6.415	173	61.04	229	44.157	205	64.83	185	12.844	174	43.00	210	8.132	159	74.86	38
März 1.9	6.588	217	58.75	192	44.362	240	62.98	187	13.018	216	40.90	175	8.291	189	74.48	56
11.9	6.805	256	56.83	148	44.602	272	61.11	188	13.234	254	39.15	132	8.480	215	73.92	76
21.9	7.061	290	55.35	96	44.874	301	59.23	186	13.488	288	37.83	82	8.695	241	73.16	97
31.8	7.351	320	54.39	42	45.175	328	57.37	179	13.776	317	37.01	28	8.936	265	72.19	115
Apr. 10.8	7.671	342	53.97	16	45.503	349	55.58	169	14.093	340	36.73	27	9.201	284	71.04	132
20.8	8.013	356	54.13	71	45.852	366	53.89	156	14.433	356	37.00	81	9.485	299	69.72	147
30.8	8.369	362	54.84	126	46.218	376	52.33	139	14.789	363	37.81	134	9.784	310	68.25	157
Mai 10.8	8.731	358	56.10	175	46.594	379	50.94	118	15.152	362	39.15	183	10.094	313	66.68	162
20.7	9.089	347	57.85	219	46.973	375	49.76	95	15.514	351	40.98	225	10.407	311	65.06	164
30.7	9.436	326	60.04	257	47.348	360	48.81	69	15.865	332	43.23	262	10.718	301	63.42	160
Juni 9.7	9.762	295	62.61	287	47.708	339	48.12	40	16.197	305	45.85	292	11.019	282	61.82	153
19.6	10.057	259	65.48	309	48.047	307	47.72	11	16.502	270	48.77	313	11.301	259	60.29	141
29.6	10.316	215	68.57	324	48.354	268	47.61	18	16.772	229	51.90	327	11.560	226	58.88	126
Juli 9.6	10.531	166	71.81	331	48.622	223	47.79	45	17.001	181	55.17	333	11.786	190	57.62	108
19.6	10.697	114	75.12	330	48.845	171	48.24	70	17.182	132	58.50	331	11.976	147	56.54	88
29.5	10.811	59	78.42	321	49.016	115	48.94	93	17.314	78	61.81	324	12.123	103	55.66	68
Aug. 8.5	10.870	5	81.63	307	49.131	58	49.87	110	17.392	26	65.05	308	12.226	57	54.98	48
18.5	10.875	47	84.70	285	49.189	2	50.97	123	17.418	24	68.13	288	12.283	12	54.50	29
28.4	10.828	96	87.55	259	49.191	54	52.20	129	17.394	73	71.01	261	12.295	32	54.21	10
Sept. 7.4	10.732	139	90.14	228	49.137	102	53.49	130	17.321	116	73.62	231	12.263	70	54.11	5
17.4	10.593	176	92.42	192	49.035	143	54.79	123	17.205	151	75.93	196	12.193	103	54.16	18
27.4	10.417	204	94.34	152	48.892	176	56.02	112	17.054	180	77.89	157	12.090	129	54.34	28
Okt. 7.3	10.213	224	95.86	108	48.716	199	57.14	93	16.874	199	79.46	115	11.961	145	54.62	36
17.3	9.989	234	96.94	64	48.517	208	58.07	72	16.675	210	80.61	72	11.816	153	54.98	42
27.3	9.755	236	97.58	16	48.309	208	58.79	46	16.465	212	81.33	26	11.663	153	55.40	44
Nov. 6.3	9.519	227	97.74	32	48.101	196	59.25	19	16.253	205	81.59	21	11.510	144	55.84	45
16.2	9.292	212	97.42	80	47.905	174	59.44	10	16.048	190	81.38	67	11.366	128	56.29	45
26.2	9.080	187	96.62	127	47.731	145	59.34	39	15.858	168	80.71	111	11.238	107	56.74	44
Dez. 6.2	8.893	158	95.35	170	47.586	110	58.95	66	15.690	140	79.60	153	11.131	79	57.18	41
16.1	8.735	122	93.65	207	47.476	69	58.29	90	15.550	106	78.07	190	11.052	51	57.59	37
26.1	8.613	83	91.58	239	47.407	26	57.39	113	15.444	70	76.17	220	11.001	19	57.96	33
36.1	8.530		89.19		47.381		56.26		15.374		73.97		10.982		58.29	
Mittl. Ort	6.922		62.88		43.807		69.26		13.203		43.89		7.758		75.94	
sec δ, tg δ	1.322		+0.865		1.286		−0.808		1.275		+0.791		1.021		−0.207	

*) Die jährliche Parallaxe (0.″30) ist bereits berücksichtigt.

Mittlere Zeit Greenw.	795) Br. 2777 AR.		795) Br. 2777 Dekl.		797) ζ Cygni AR.		797) ζ Cygni Dekl.		800) α Equulei AR.		800) α Equulei Dekl.		803) α Cephei AR.		803) α Cephei Dekl.	
1918	21h 7m		+77° 47′		21h 9m		+29° 53′		21h 11m		+4° 54′		21h 16m		+62° 14′	
	s		″		s		″		s		″		s		″	
Jan. 1.1	4.40	57	55.97	262	26.396	40	34.10	213	43.509	10	34.22	111	35.68	21	32.40	262
11.1	3.83	40	53.35	295	26.356	5	31.97	226	43.499	22	33.11	112	35.47	14	29.78	293
21.1	3.43	22	50.40	318	26.351	33	29.71	232	43.521	52	31.99	107	35.33	6	26.85	311
31.0	3.21	3	47.22	327	26.384	72	27.39	226	43.573	84	30.92	96	35.27	2	23.74	319
Feb. 10.0	3.18	17	43.95	323	26.456	110	25.13	212	43.657	114	29.96	80	35.29	11	20.55	313
20.0	3.35	36	40.72	307	26.566	148	23.01	187	43.771	145	29.16	58	35.40	19	17.42	294
März 1.9	3.71	54	37.65	277	26.714	186	21.14	155	43.916	175	28.58	32	35.59	26	14.48	263
11.9	4.25	70	34.88	238	26.900	220	19.59	114	44.091	203	28.26	2	35.85	34	11.85	222
21.9	4.95	84	32.50	188	27.120	253	18.45	69	44.294	231	28.24	30	36.19	40	9.63	172
31.9	5.79	95	30.62	133	27.373	280	17.76	20	44.525	254	28.54	63	36.59	46	7.91	115
Apr. 10.8	6.74	102	29.29	71	27.653	303	17.56	30	44.779	275	29.17	94	37.05	49	6.76	55
20.8	7.76	106	28.58	9	27.956	320	17.86	80	45.054	291	30.11	125	37.54	53	6.21	8
30.8	8.82	107	28.49	53	28.276	329	18.66	127	45.345	302	31.36	151	38.07	53	6.29	69
Mai 10.8	9.89	104	29.02	114	28.605	331	19.93	171	45.647	306	32.87	174	38.60	53	6.98	128
20.7	10.93	99	30.16	171	28.936	325	21.64	209	45.953	304	34.61	191	39.13	51	8.26	184
30.7	11.92	89	31.87	221	29.261	310	23.73	241	46.257	293	36.52	202	39.64	48	10.10	233
Juni 9.7	12.81	79	34.08	267	29.571	288	26.14	265	46.550	276	38.54	209	40.12	44	12.43	276
19.6	13.60	65	36.75	303	29.859	258	28.79	284	46.826	251	40.63	209	40.56	37	15.19	310
29.6	14.25	51	39.78	333	30.117	221	31.63	294	47.077	221	42.72	204	40.93	32	18.29	338
Juli 9.6	14.76	35	43.11	354	30.338	180	34.57	297	47.298	184	44.76	196	41.25	24	21.67	357
19.6	15.11	18	46.65	368	30.518	134	37.54	294	47.482	143	46.72	181	41.49	15	25.24	367
29.5	15.29	1	50.33	373	30.652	86	40.48	285	47.625	101	48.53	165	41.64	8	28.91	370
Aug. 8.5	15.30	16	54.06	370	30.738	36	43.33	269	47.726	55	50.18	145	41.72	0	32.61	364
18.5	15.14	32	57.76	359	30.774	10	46.02	249	47.781	12	51.63	124	41.72	8	36.25	352
28.4	14.82	48	61.35	341	30.764	56	48.51	225	47.793	30	52.87	101	41.64	16	39.77	330
Sept. 7.4	14.34	62	64.76	316	30.708	96	50.76	195	47.763	67	53.88	79	41.48	23	43.07	303
17.4	13.72	74	67.92	284	30.612	130	52.71	163	47.696	99	54.67	57	41.25	29	46.10	270
27.4	12.98	85	70.76	246	30.482	157	54.34	128	47.597	124	55.24	34	40.96	33	48.80	231
Okt. 7.3	12.13	93	73.22	201	30.325	177	55.62	91	47.473	141	55.58	13	40.63	38	51.11	185
17.3	11.20	100	75.23	152	30.148	187	56.53	52	47.332	150	55.71	7	40.25	41	52.96	136
27.3	10.20	104	76.75	99	29.961	189	57.05	12	47.182	150	55.64	27	39.84	41	54.32	84
Nov. 6.3	9.16	105	77.74	41	29.772	184	57.17	30	47.032	144	55.37	46	39.43	42	55.16	27
16.2	8.11	103	78.15	18	29.588	171	56.87	69	46.888	130	54.91	63	39.01	42	55.43	31
26.2	7.08	98	77.97	77	29.417	151	56.18	108	46.758	111	54.28	79	38.59	39	55.12	88
Dez. 6.2	6.10	90	77.20	136	29.266	127	55.10	145	46.647	87	53.49	92	38.20	35	54.24	144
16.1	5.20	80	75.84	189	29.139	97	53.65	176	46.560	60	52.57	103	37.85	31	52.80	195
26.1	4.40	67	73.95	238	29.042	65	51.89	202	46.500	31	51.54	111	37.54	24	50.85	240
36.1	3.73		71.57		28.977		49.87		46.469		50.43		37.30		48.45	
Mittl. Ort	9.87		38.87		26.727		23.76		43.520		29.17		37.40		16.05	
sec δ, tg δ	4.730		+4.623		1.153		+0.575		1.004		+0.086		2.147		+1.900	

Mittlere Zeit Greenw.	804) ι Pegasi AR.		804) ι Pegasi Dekl.		805) γ Pavonis AR.		805) γ Pavonis Dekl.		806) ζ Capricorni AR.		806) ζ Capricorni Dekl.		808) β Aquarii AR.		808) β Aquarii Dekl.	
	$21^h\ 18^m$		$+19°\ 27'$		$21^h\ 19^m$		$-65°\ 43'$		$21^h\ 21^m$		$-22°\ 45'$		$21^h\ 27^m$		$-5°\ 55'$	
1918	s		″		s		″		s		″		s		″	
Jan. 1.1	17.502	30	19.27	172	40.00	12	84.76	254	59.392	12	63.04	34	14.699	16	54.38	55
11.1	17.472	2	17.55	180	39.88	3	82.22	281	59.380	22	62.70	48	14.683	13	54.93	49
21.1	17.474	35	15.75	182	39.85	5	79.41	301	59.402	54	62.22	63	14.696	43	55.42	40
31.0	17.509	69	13.93	174	39.90	13	76.40	311	59.456	87	61.59	77	14.739	74	55.82	27
Feb. 10.0	17.578	103	12.19	160	40.03	21	73.29	317	59.543	120	60.82	92	14.813	103	56.09	12
20.0	17.681	137	10.59	137	40.24	30	70.12	314	59.663	151	59.90	107	14.916	134	56.21	8
März 2.0	17.818	171	9.22	107	40.54	36	66.98	305	59.814	182	58.83	121	15.050	164	56.13	30
11.9	17.989	202	8.15	71	40.90	43	63.93	290	59.996	213	57.62	134	15.214	193	55.83	53
21.9	18.191	233	7.44	32	41.33	48	61.03	269	60.209	241	56.28	147	15.407	221	55.30	78
31.9	18.424	259	7.12	12	41.81	54	58.34	244	60.450	268	54.81	156	15.628	247	54.52	102
Apr. 10.8	18.683	283	7.24	54	42.35	58	55.90	213	60.718	290	53.25	163	15.875	270	53.50	125
20.8	18.966	300	7.78	97	42.93	61	53.77	178	61.008	310	51.62	167	16.145	289	52.25	144
30.8	19.266	311	8.75	136	43.54	64	51.99	140	61.318	323	49.95	166	16.434	302	50.81	161
Mai 10.8	19.577	315	10.11	171	44.18	65	50.59	98	61.641	330	48.29	161	16.736	309	49.20	172
20.7	19.892	313	11.82	202	44.83	63	49.61	54	61.971	330	46.68	151	17.045	310	47.48	180
30.7	20.205	301	13.84	227	45.46	62	49.07	10	62.301	322	45.17	138	17.355	302	45.68	182
Juni 9.7	20.506	284	16.11	244	46.08	59	48.97	36	62.623	307	43.79	121	17.657	288	43.86	179
19.7	20.790	257	18.55	256	46.67	53	49.33	79	62.930	284	42.58	101	17.945	267	42.07	172
29.6	21.047	225	21.11	261	47.20	47	50.12	119	63.214	252	41.57	79	18.212	237	40.35	160
Juli 9.6	21.272	187	23.72	260	47.67	40	51.31	157	63.466	215	40.78	54	18.449	203	38.75	145
19.6	21.459	145	26.32	253	48.07	30	52.88	188	63.681	173	40.24	31	18.652	163	37.30	127
29.5	21.604	100	28.85	240	48.37	21	54.76	214	63.854	127	39.93	6	18.815	120	36.03	106
Aug. 8.5	21.704	54	31.25	224	48.58	11	56.90	231	63.981	78	39.87	15	18.935	76	34.97	86
18.5	21.758	9	33.49	203	48.69	1	59.21	240	64.059	29	40.02	34	19.011	30	34.11	64
28.5	21.767	33	35.52	179	48.70	10	61.61	240	64.088	18	40.36	51	19.041	12	33.47	44
Sept. 7.4	21.734	72	37.31	153	48.60	19	64.01	230	64.070	60	40.87	63	19.029	51	33.03	24
17.4	21.662	106	38.84	124	48.41	28	66.31	210	64.010	97	41.50	70	18.978	85	32.79	7
27.4	21.556	132	40.08	94	48.13	34	68.41	182	63.913	126	42.20	74	18.893	112	32.72	9
Okt. 7.4	21.424	150	41.02	63	47.79	41	70.23	145	63.787	148	42.94	72	18.781	132	32.81	22
17.3	21.274	161	41.65	32	47.38	43	71.68	102	63.639	160	43.66	67	18.649	143	33.03	32
27.3	21.113	164	41.97	1	46.95	45	72.70	54	63.479	163	44.33	59	18.506	146	33.35	42
Nov. 6.3	20.949	158	41.96	33	46.50	45	73.24	2	63.316	156	44.92	48	18.360	140	33.77	49
16.2	20.791	147	41.63	65	46.05	41	73.26	51	63.160	143	45.40	35	18.220	130	34.26	54
26.2	20.644	130	40.98	94	45.64	38	72.75	102	63.017	122	45.75	21	18.090	112	34.80	58
Dez. 6.2	20.514	107	40.04	122	45.26	32	71.73	150	62.895	97	45.96	7	17.978	91	35.38	60
16.2	20.407	81	38.82	145	44.94	25	70.23	195	62.798	67	46.03	9	17.887	65	35.98	61
26.1	20.326	52	37.37	165	44.69	18	68.28	232	62.731	36	45.94	22	17.822	37	36.59	59
36.1	20.274		35.72		44.51		65.96		62.695		45.72		17.785		37.18	
Mittl. Ort	17.625		10.73		40.79		77.68		59.302		62.13		14.598		57.22	
sec δ, tg δ	1.061		+0.353		2.434		−2.219		1.085		−0.420		1.005		−0.104	

Mittlere Zeit Greenw.	809) β Cephei				810) ν Octantis				811) 74 Cygni				815) ε Pegasi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	21h 27m		+70° 11′		21h 32m		−77° 44′		21h 33m		+40° 2′		21h 40m		+9° 29′	
Jan. 1.1	33.83	35	80.20	250	22.10	38	87.39	290	39.227	89	54.42	223	9.584	35	61.20	124
11.1	33.48	26	77.70	286	21.72	21	84.49	319	39.138	51	52.19	246	9.549	7	59.96	126
21.1	33.22	15	74.84	310	21.51	5	81.30	341	39.087	9	49.73	259	9.542	22	58.70	125
31.0	33.07	4	71.74	323	21.46	12	77.89	353	39.078	34	47.14	260	9.564	53	57.45	117
Feb. 10.0	33.03	8	68.51	322	21.58	29	74.36	357	39.112	80	44.54	253	9.617	83	56.28	102
20.0	33.11	20	65.29	309	21.87	45	70.79	351	39.192	125	42.01	233	9.700	116	55.26	82
März 2.0	33.31	31	62.20	282	22.32	59	67.28	340	39.317	172	39.68	203	9.816	148	54.44	55
11.9	33.62	42	59.38	245	22.91	72	63.88	320	39.489	215	37.65	166	9.964	180	53.89	26
21.9	34.04	51	56.93	198	23.63	84	60.68	294	39.704	255	35.99	119	10.144	211	53.63	8
31.9	34.55	59	54.95	144	24.47	94	57.74	262	39.959	292	34.80	69	10.355	238	53.71	43
Apr. 10.9	35.14	64	53.51	84	25.41	103	55.12	225	40.251	321	34.11	15	10.593	264	54.14	78
20.8	35.78	69	52.67	22	26.44	110	52.87	184	40.572	345	33.96	39	10.857	285	54.92	112
30.8	36.47	70	52.45	41	27.54	113	51.03	139	40.917	359	34.35	93	11.142	299	56.04	143
Mai 10.8	37.17	70	52.86	101	28.67	116	49.64	90	41.276	365	35.28	143	11.441	309	57.47	170
20.7	37.87	67	53.87	160	29.83	115	48.74	41	41.641	362	36.71	190	11.750	309	59.17	193
30.7	38.54	64	55.47	211	30.98	112	48.33	10	42.003	348	38.61	230	12.059	304	61.10	209
Juni 9.7	39.18	57	57.58	258	32.10	106	48.43	59	42.351	325	40.91	264	12.363	290	63.19	220
19.7	39.75	50	60.16	297	33.16	97	49.02	108	42.676	296	43.55	291	12.653	269	65.39	226
29.6	40.25	41	63.13	329	34.13	85	50.10	153	42.972	257	46.46	310	12.922	240	67.65	225
Juli 9.6	40.66	32	66.42	352	34.98	72	51.63	192	43.229	213	49.56	322	13.162	207	69.90	219
19.6	40.98	21	69.94	368	35.70	56	53.55	227	43.442	164	52.78	326	13.369	167	72.09	208
29.6	41.19	10	73.62	375	36.26	38	55.82	253	43.606	112	56.04	323	13.536	125	74.17	194
Aug. 8.5	41.29	0	77.37	374	36.64	20	58.35	271	43.718	59	59.27	314	13.661	82	76.11	176
18.5	41.29	11	81.11	365	36.84	1	61.06	280	43.777	6	62.41	298	13.743	37	77.87	154
28.5	41.18	21	84.76	349	36.85	19	63.86	277	43.783	44	65.39	276	13.780	5	79.41	133
Sept. 7.4	40.97	31	88.25	325	36.66	37	66.63	265	43.739	90	68.15	249	13.775	44	80.74	108
17.4	40.66	39	91.50	295	36.29	54	69.28	242	43.649	131	70.64	217	13.731	79	81.82	84
27.4	40.27	46	94.45	258	35.75	69	71.70	209	43.518	163	72.81	182	13.652	105	82.66	59
Okt. 7.4	39.81	52	97.03	216	35.06	80	73.79	167	43.355	189	74.63	141	13.547	127	83.25	35
17.3	39.29	57	99.19	167	34.26	89	75.46	117	43.166	207	76.04	100	13.420	140	83.60	11
27.3	38.72	59	100.86	114	33.37	94	76.63	61	42.959	215	77.04	54	13.280	145	83.71	13
Nov. 6.3	38.13	61	102.00	57	32.43	94	77.24	3	42.744	216	77.58	8	13.135	143	83.58	34
16.3	37.52	60	102.57	2	31.49	92	77.27	57	42.528	208	77.66	40	12.992	135	83.24	57
26.2	36.92	58	102.55	61	30.57	85	76.70	116	42.320	194	77.26	86	12.857	121	82.67	76
Dez. 6.2	36.34	54	101.94	119	29.72	75	75.54	171	42.126	172	76.40	131	12.736	103	81.91	94
16.2	35.80	48	100.75	176	28.97	63	73.83	222	41.954	146	75.09	171	12.633	80	80.97	109
26.1	35.32	41	98.99	224	28.34	48	71.61	265	41.808	114	73.38	207	12.553	55	79.88	120
36.1	34.91		96.75		27.86		68.96		41.694		71.31		12.498		78.68	
Mittl. Ort	36.48		62.03		24.43		79.15		39.647		40.61		9.509		54.30	
sec δ, tg δ	2.952		+2.778		4.715		−4.608		1.306		+0.840		1.014		+0.167	

Mittlere Zeit Greenw.	819) δ Capricorni AR.		Dekl.		821) π^2 Cygni AR.		Dekl.		822) γ Gruis AR.		Dekl.		823) 16 Pegasi AR.		Dekl.	
1918	$21^h 42^m$		−16° 29′		$21^h 43^m$		+48° 55′		$21^h 48^m$		−37° 44′		$21^h 49^m$		+25° 32′	
Jan. 1.1	31.191	28	59.65	2	45.113	137	62.80	229	58.174	53	68.52	105	19.758	64	30.96	176
11.1	31.163	2	59.67	10	44.976	93	60.51	258	58.121	16	67.47	130	19.694	35	29.20	191
21.1	31.165	31	59.57	25	44.883	44	57.93	277	58.105	22	66.17	152	19.659	2	27.29	199
31.1	31.196	63	59.32	40	44.839	7	55.16	286	58.127	59	64.65	171	19.657	32	25.30	197
Feb. 10.0	31.259	93	58.92	57	44.846	62	52.30	281	58.186	98	62.94	187	19.689	68	23.33	187
20.0	31.352	124	58.35	74	44.908	118	49.49	266	58.284	137	61.07	200	19.757	105	21.46	169
März 2.0	31.476	156	57.61	92	45.026	173	46.83	239	58.421	173	59.07	210	19.862	142	19.77	142
11.9	31.632	187	56.69	111	45.199	227	44.44	203	58.594	211	56.97	216	20.004	180	18.35	108
21.9	31.819	216	55.58	128	45.426	276	42.41	157	58.805	246	54.81	218	20.184	214	17.27	67
31.9	32.035	245	54.30	143	45.702	321	40.84	106	59.051	279	52.63	218	20.398	248	16.60	25
Apr. 10.9	32.280	271	52.87	157	46.023	356	39.78	49	59.330	310	50.45	213	20.646	276	16.35	21
20.8	32.551	292	51.30	167	46.379	385	39.29	7	59.640	336	48.32	202	20.922	300	16.56	66
30.8	32.843	308	49.63	173	46.764	403	39.36	65	59.976	356	46.30	188	21.222	316	17.22	111
Mai 10.8	33.151	319	47.90	175	47.167	410	40.01	121	60.332	368	44.42	169	21.538	326	18.33	151
20.8	33.470	322	46.15	171	47.577	407	41.22	172	60.700	374	42.73	145	21.864	328	19.84	188
30.7	33.792	318	44.44	164	47.984	392	42.94	218	61.074	371	41.28	119	22.192	321	21.72	219
Juni 9.7	34.110	305	42.80	152	48.376	368	45.12	258	61.445	358	40.09	90	22.513	306	23.91	244
19.7	34.415	286	41.28	136	48.744	333	47.70	292	61.803	336	39.19	57	22.819	284	26.35	262
29.6	34.701	259	39.92	117	49.077	290	50.62	317	62.139	306	38.62	24	23.103	253	28.97	274
Juli 9.6	34.960	224	38.75	95	49.367	241	53.79	335	62.445	267	38.38	9	23.356	217	31.71	279
19.6	35.184	185	37.80	71	49.608	186	57.14	345	62.712	222	38.47	41	23.573	176	34.50	277
29.6	35.369	141	37.09	48	49.794	127	60.59	347	62.934	170	38.88	71	23.749	131	37.27	270
Aug. 8.5	35.510	96	36.61	25	49.921	68	64.06	342	63.104	117	39.59	96	23.880	84	39.97	258
18.5	35.606	49	36.36	2	49.989	8	67.48	330	63.221	60	40.55	118	23.964	39	42.55	240
28.5	35.655	3	36.34	17	49.997	49	70.78	310	63.281	5	41.73	133	24.003	7	44.95	217
Sept. 7.5	35.658	38	36.51	34	49.948	102	73.88	287	63.286	46	43.06	142	23.996	48	47.12	193
17.4	35.620	75	36.85	47	49.846	149	76.75	255	63.240	93	44.48	145	23.948	84	49.05	164
27.4	35.545	105	37.32	56	49.697	188	79.30	220	63.147	132	45.93	140	23.864	115	50.69	134
Okt. 7.4	35.440	129	37.88	62	49.509	221	81.50	179	63.015	162	47.33	129	23.749	138	52.03	100
17.3	35.311	142	38.50	63	49.288	243	83.29	134	62.853	183	48.62	112	23.611	155	53.03	66
27.3	35.169	148	39.13	62	49.045	258	84.63	87	62.670	193	49.74	90	23.456	163	53.69	30
Nov. 6.3	35.021	147	39.75	57	48.787	262	85.50	35	62.477	193	50.64	62	23.293	164	53.99	5
16.3	34.874	136	40.32	51	48.525	258	85.85	16	62.284	184	51.26	34	23.129	158	53.94	42
26.2	34.738	121	40.83	43	48.267	246	85.69	69	62.100	166	51.60	3	22.971	147	53.52	77
Dez. 6.2	34.617	101	41.26	34	48.021	226	85.00	119	61.934	141	51.63	27	22.824	130	52.75	110
16.2	34.516	76	41.60	22	47.795	198	83.81	167	61.793	113	51.36	59	22.694	110	51.65	140
26.2	34.440	49	41.82	12	47.597	164	82.14	208	61.680	78	50.77	86	22.584	84	50.25	165
36.1	34.391		41.94		47.433		80.06		61.602		49.91		22.500		48.60	
Mittl. Ort	31.016		60.05		45.742		46.62		58.062		64.20		19.800		19.68	
sec δ, tg δ	1.043		−0.296		1.522		+1.148		1.265		−0.774		1.108		+0.478	

Mittlere Zeit Greenw.	827) α Aquarii				828) ι Aquarii				830) 20 Cephei				829) α Gruis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	22h 1m		−0° 42′		22h 2m		−14° 15′		22h 2m		+62° 22′		22h 3m		−47° 21′	
Jan. 1.1	34.599	43	62.89	75	0.881	44	63.88	13	29.73	27	86.59	217	4.354	92	38.31	144
11.1	34.556	19	63.64	71	0.837	16	64.01	1	29.46	21	84.42	257	4.262	51	36.87	176
21.1	34.537	8	64.35	65	0.821	11	64.02	13	29.25	14	81.85	285	4.211	7	35.11	201
31.1	34.545	37	65.00	53	0.832	41	63.89	29	29.11	7	79.00	304	4.204	38	33.10	223
Feb. 10.0	34.582	66	65.53	38	0.873	71	63.60	46	29.04	1	75.96	309	4.242	83	30.87	241
20.0	34.648	97	65.91	18	0.944	102	63.14	65	29.05	10	72.87	303	4.325	129	28.46	253
März 2.0	34.745	129	66.09	4	1.046	133	62.49	84	29.15	18	69.84	282	4.454	174	25.93	261
12.0	34.874	161	66.05	29	1.179	166	61.65	104	29.33	26	67.02	252	4.628	217	23.32	263
21.9	35.035	192	65.76	57	1.345	198	60.61	124	29.59	34	64.50	210	4.845	260	20.69	261
31.9	35.227	223	65.19	84	1.543	227	59.37	142	29.93	40	62.40	161	5.105	301	18.08	253
Apr. 10.9	35.450	249	64.35	112	1.770	256	57.95	158	30.33	46	60.79	106	5.406	337	15.55	242
20.8	35.699	274	63.23	136	2.026	280	56.37	170	30.79	50	59.73	47	5.743	368	13.13	224
30.8	35.973	292	61.87	158	2.306	299	54.67	179	31.29	53	59.26	14	6.111	394	10.89	201
Mai 10.8	36.265	305	60.29	176	2.605	313	52.88	183	31.82	55	59.40	74	6.505	412	8.88	175
20.8	36.570	310	58.53	189	2.918	319	51.05	183	32.37	54	60.14	131	6.917	420	7.13	143
30.7	36.880	309	56.64	196	3.237	318	49.22	177	32.91	53	61.45	185	7.337	419	5.70	109
Juni 9.7	37.189	299	54.68	200	3.555	309	47.45	168	33.44	49	63.30	233	7.756	408	4.61	71
19.7	37.488	282	52.68	196	3.864	293	45.77	153	33.93	45	65.63	274	8.164	386	3.90	33
29.7	37.770	257	50.72	189	4.157	267	44.24	135	34.38	39	68.37	309	8.550	355	3.57	7
Juli 9.6	38.027	226	48.83	177	4.424	236	42.89	114	34.77	33	71.46	336	8.905	313	3.64	46
19.6	38.253	189	47.06	161	4.660	199	41.75	91	35.10	25	74.82	355	9.218	263	4.10	82
29.6	38.442	149	45.45	142	4.859	157	40.84	66	35.35	18	78.37	366	9.481	207	4.92	115
Aug. 8.5	38.591	106	44.03	121	5.016	112	40.18	42	35.53	10	82.03	370	9.688	145	6.07	144
18.5	38.697	62	42.82	100	5.128	67	39.76	18	35.63	2	85.73	365	9.833	82	7.51	166
28.5	38.759	19	41.82	76	5.195	22	39.58	3	35.65	6	89.38	353	9.915	18	9.17	182
Sept. 7.5	38.778	20	41.06	55	5.217	20	39.61	22	35.59	13	92.91	334	9.933	44	10.99	189
17.4	38.758	56	40.51	34	5.197	57	39.83	38	35.46	19	96.25	308	9.889	99	12.88	189
27.4	38.702	87	40.17	14	5.140	89	40.21	50	35.27	26	99.33	275	9.790	148	14.77	181
Okt. 7.4	38.615	109	40.03	4	5.051	114	40.71	59	35.01	31	102.08	236	9.642	187	16.58	163
17.4	38.506	125	40.07	20	4.937	131	41.30	63	34.70	34	104.44	192	9.455	215	18.21	140
27.3	38.381	134	40.27	33	4.806	140	41.93	64	34.36	38	106.36	142	9.240	232	19.61	109
Nov. 6.3	38.247	134	40.60	46	4.666	141	42.57	62	33.98	40	107.78	89	9.008	237	20.70	74
16.3	38.113	130	41.06	56	4.525	136	43.19	58	33.58	40	108.67	32	8.771	231	21.44	36
26.2	37.983	119	41.62	64	4.389	124	43.77	52	33.18	39	108.99	26	8.540	214	21.80	5
Dez. 6.2	37.864	104	42.26	71	4.265	106	44.29	43	32.79	38	108.73	83	8.326	190	21.75	45
16.2	37.760	84	42.97	75	4.159	87	44.72	35	32.41	34	107.90	140	8.136	158	21.30	84
26.2	37.676	62	43.72	78	4.072	62	45.07	22	32.07	31	106.50	190	7.978	121	20.46	121
36.1	37.614		44.50		4.010		45.29		31.76		104.60		7.857		19.25	
Mittl. Ort	34.372		67.50		0.626		64.83		30.91		66.91		4.296		31.91	
sec δ, tg δ	1.000		—0.013		1.032		—0.254		2.157		+1.912		1.476		—1.086	

Mittlere Zeit Greenw.	834) ϑ Pegasi				835) π Pegasi				836) ζ Cephei				837) 24 Cephei			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	22h 6m		+5° 47′		22h 6m		+32° 46′		22h 7m		+57° 47′		22h 8m		+71° 56′	
Jan. 1.1	4.036	51	44.59	101	20.585	93	45.19	184	59.620	225	67.25	212	11.83	46	34.80	205
11.1	3.985	25	43.58	102	20.492	63	43.35	205	59.395	176	65.13	250	11.37	38	32.75	249
21.1	3.960	1	42.56	98	20.429	30	41.30	220	59.219	118	62.63	277	10.99	29	30.26	285
31.1	3.961	30	41.58	91	20.399	6	39.10	223	59.101	56	59.86	295	10.70	16	27.41	307
Feb. 10.0	3.991	59	40.67	76	20.405	45	36.87	219	59.045	13	56.91	300	10.54	4	24.34	319
20.0	4.050	91	39.91	58	20.450	86	34.68	203	59.058	85	53.91	293	10.50	9	21.15	316
März 2.0	4.141	124	39.33	34	20.536	127	32.65	179	59.143	156	50.98	273	10.59	22	17.99	302
12.0	4.265	157	38.99	6	20.663	170	30.86	147	59.299	227	48.25	242	10.81	35	14.97	273
21.9	4.422	189	38.93	24	20.833	210	29.39	107	59.526	293	45.83	201	11.16	46	12.24	236
31.9	4.611	220	39.17	56	21.043	247	28.32	62	59.819	352	43.82	154	11.62	56	9.88	189
Apr. 10.9	4.831	249	39.73	87	21.290	281	27.70	15	60.171	403	42.28	99	12.18	64	7.99	135
20.8	5.080	273	40.60	118	21.571	309	27.55	34	60.574	443	41.29	41	12.82	71	6.64	76
30.8	5.353	292	41.78	145	21.880	329	27.89	83	61.017	471	40.88	18	13.53	75	5.88	15
Mai 10.8	5.645	305	43.23	170	22.209	342	28.72	129	61.488	485	41.06	77	14.28	77	5.73	46
20.8	5.950	312	44.93	189	22.551	347	30.01	172	61.973	487	41.83	133	15.05	76	6.19	106
30.7	6.262	309	46.82	203	22.898	341	31.73	209	62.460	473	43.16	186	15.81	74	7.25	161
Juni 9.7	6.571	300	48.85	212	23.239	327	33.82	240	62.933	450	45.02	231	16.55	69	8.86	214
19.7	6.871	284	50.97	215	23.566	306	36.22	266	63.383	412	47.33	273	17.24	62	11.00	258
29.7	7.155	258	53.12	213	23.872	276	38.88	284	63.795	365	50.06	305	17.86	55	13.58	298
Juli 9.6	7.413	228	55.25	205	24.148	238	41.72	295	64.160	309	53.11	331	18.41	45	16.56	329
19.6	7.641	192	57.30	193	24.386	197	44.67	300	64.469	246	56.42	350	18.86	35	19.85	353
29.6	7.833	151	59.23	177	24.583	151	47.67	297	64.715	179	59.92	360	19.21	24	23.38	369
Aug. 8.5	7.984	108	61.00	159	24.734	103	50.64	289	64.894	109	63.52	362	19.45	13	27.07	377
18.5	8.092	65	62.59	138	24.837	54	53.53	275	65.003	39	67.14	357	19.58	1	30.84	377
28.5	8.157	22	63.97	115	24.891	7	56.28	256	65.042	30	70.71	344	19.59	10	34.61	369
Sept. 7.5	8.179	17	65.12	93	24.898	38	58.84	233	65.012	95	74.15	326	19.49	20	38.30	354
17.4	8.162	54	66.05	68	24.860	77	61.17	204	64.917	154	77.41	299	19.29	31	41.84	331
27.4	8.108	83	66.73	46	24.783	110	63.21	173	64.763	207	80.40	266	18.98	40	45.15	301
Okt. 7.4	8.025	106	67.19	25	24.673	138	64.94	139	64.556	251	83.06	229	18.58	47	48.16	265
17.4	7.919	123	67.44	3	24.535	158	66.33	101	64.305	286	85.35	184	18.11	54	50.81	221
27.3	7.796	133	67.47	16	24.377	172	67.34	63	64.019	312	87.19	137	17.57	59	53.02	173
Nov. 6.3	7.663	134	67.31	35	24.205	176	67.97	22	63.707	327	88.56	85	16.98	63	54.75	118
16.3	7.529	131	66.96	52	24.029	175	68.19	20	63.380	333	89.41	29	16.35	64	55.93	60
26.3	7.398	121	66.44	66	23.854	167	67.99	60	63.047	328	89.70	26	15.71	64	56.53	1
Dez. 6.2	7.277	107	65.78	81	23.687	154	67.39	100	62.719	313	89.44	83	15.07	62	56.54	60
16.2	7.170	89	64.97	91	23.533	135	66.39	137	62.406	288	88.61	137	14.45	58	55.94	120
26.2	7.081	67	64.06	100	23.398	113	65.02	169	62.118	253	87.24	186	13.87	52	54.74	176
36.1	7.014		63.06		23.285		63.33		61.865		85.38		13.35		52.98	
Mittl. Ort	3.815		38.09		20.630		31.37		60.417		47.97		14.06		13.50	
sec δ, tg δ	1.005		+0.101		1.189		+0.644		1.876		+1.588		3.225		+3.066	

Mittlere Zeit Greenw.	840) ϑ Aquarii AR.		Dekl.		841) α Tucanae AR.		Dekl.		842) γ Aquarii AR.		Dekl.		844) 3 Lacertae AR.		Dekl.	
1918	22h 12m		−8° 11′		22h 12m		−60° 39′		22h 17m		−1° 47′		22h 20m		+51° 48′	
Jan. 1.1	30.777	50	28.86	42	53.54	18	76.81	196	25.595	54	59.31	69	19.556	186	82.87	197
11.1	30.727	26	29.28	33	53.36	12	74.85	233	25.541	31	60.00	64	19.370	149	80.90	234
21.1	30.701	— 1	29.61	21	53.24	6	72.52	264	25.510	6	60.64	56	19.221	102	78.56	262
31.1	30.702	28	29.82	7 —	53.18	0	69.88	287	25.504	— 22	61.20	44	19.119	51 —	75.94	278
Feb. 10.0	30.730	58	29.89	10	53.18	7	67.01	304	25.526	50	61.64	29	19.068	5	73.16	283
20.0	30.788	89	29.79	29	53.25	14	63.97	314	25.576	82	61.93	10 —	19.073	65	70.33	277
März 2.0	30.877	120	29.50	50	53.39	19	60.83	318	25.658	113	62.03	12	19.138	125	67.56	258
12.0	30.997	153	29.00	72	53.58	26	57.65	315	25.771	147	61.91	36	19.263	187	64.98	230
21.9	31.150	185	28.28	96	53.84	33	54.50	305	25.918	179	61.55	64	19.450	246	62.68	190
31.9	31.335	216	27.32	118	54.17	37	51.45	290	26.097	210	60.91	90	19.696	299	60.78	145
Apr. 10.9	31.551	245	26.14	140	54.54	42	48.55	269	26.307	241	60.01	116	19.995	346	59.33	93
20.8	31.796	270	24.74	157	54.96	47	45.86	242	26.548	266	58.85	139	20.341	385	58.40	37 —
30.8	32.066	291	23.17	173	55.43	51	43.44	209	26.814	287	57.46	161	20.726	413	58.03	20
Mai 10.8	32.357	306	21.44	183	55.94	53	41.35	173	27.101	303	55.85	178	21.139	430	58.23	76
20.8	32.663	314	19.61	189	56.47	54	39.62	132	27.404	310	54.07	190	21.569	436	58.99	130
30.7	32.977	314	17.72	190	57.01	54	38.30	88	27.714	312	52.17	197	22.005	430	60.29	180
Juni 9.7	33.291	306	15.82	185	57.55	53	37.42	43 —	28.026	305	50.20	199	22.435	412	62.09	224
19.7	33.597	291	13.97	177	58.08	50	36.99	4	28.331	289	48.21	196	22.847	383	64.33	264
29.7	33.888	268	12.20	162	58.58	47	37.03	50	28.620	267	46.25	187	23.230	345	66.97	295
Juli 9.6	34.156	238	10.58	146	59.05	41	37.53	94	28.887	238	44.38	175	23.575	299	69.92	320
19.6	34.394	203	9.12	125	59.46	35	38.47	135	29.125	203	42.63	158	23.874	246	73.12	337
29.6	34.597	163	7.87	103	59.81	27	39.82	171	29.328	164	41.05	139	24.120	188	76.49	346
Aug. 8.5	34.760	119	6.84	80	60.08	20	41.53	201	29.492	121	39.66	118	24.308	127	79.95	349
18.5	34.879	75	6.04	56	60.28	10	43.54	224	29.613	78	38.48	94	24.435	65	83.44	343
28.5	34.954	32 —	5.48	33	60.38	3 —	45.78	237	29.691	35 —	37.54	72	24.500	6 —	86.87	330
Sept. 7.5	34.986	9	5.15	13 —	60.41	6	48.15	241	29.726	5	36.82	49	24.506	52	90.17	313
17.4	34.977	47	5.02	7	60.35	15	50.56	237	29.721	42	36.33	29	24.454	105	93.30	286
27.4	34.930	78	5.09	23	60.20	21	52.93	221	29.679	72	36.04	8 —	24.349	152	96.16	256
Okt. 7.4	34.852	103	5.32	36	59.99	27	55.14	197	29.607	98	35.96	8	24.197	190	98.72	220
17.4	34.749	120	5.68	46	59.72	31	57.11	164	29.509	116	36.04	24	24.007	224	100.92	178
27.3	34.629	131	6.14	53	59.41	35	58.75	124	29.393	126	36.28	37	23.783	247	102.70	132
Nov. 6.3	34.498	134	6.67	58	59.06	36	59.99	77	29.267	131	36.65	48	23.536	262	104.02	83
16.3	34.364	131	7.25	60	58.70	35	60.76	28 —	29.136	128	37.13	56	23.274	267	104.85	31 —
26.2	34.233	121	7.85	59	58.35	34	61.04	23	29.008	120	37.69	64	23.007	266	105.16	22
Dez. 6.2	34.112	107	8.44	58	58.01	31	60.81	74	28.888	107	38.33	68	22.741	256	104.94	75
16.2	34.005	89	9.02	54	57.70	27	60.07	123	28.781	91	39.01	71	22.485	238	104.19	127
26.2	33.916	68	9.56	48	57.43	22	58.84	169	28.690	71	39.72	72	22.247	208	102.92	173
36.1	33.848		10.04		57.21		57.15		28.619		40.44		22.039		101.19	
Mittl. Ort	30.480		31.49		53.75		68.19		25.289		63.80		19.949		64.04	
sec δ, tg δ	1.010		−0.144		2.041		−1.779		1.000		−0.031		1.618		+1.272	

Mittlere Zeit Greenw.	848) 7 Lacertae				850) η Aquarii				852) 10 Lacertae				855) ζ Pegasi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$22^h\ 27^m$		$+49°\ 51'$		$22^h\ 31^m$		$-0°\ 31'$		$22^h\ 35^m$		$+38°\ 37'$		$22^h\ 37^m$		$+10°\ 24'$	
Jan. 1.2	54.362	179	56.71	188	8.963	63	81.13	72	34.832	131	39.68	171	22.668	73	18.84	107
11.1	54.183	144	54.83	225	8.900	42	81.85	68	34.701	104	37.97	201	22.595	54	17.77	113
21.1	54.039	103	52.58	252	8.858	19	82.53	61	34.597	72	35.96	221	22.541	29	16.64	114
31.1	53.936	55	50.06	269	8.839	8	83.14	50	34.525	35	33.75	233	22.512	3	15.50	109
Feb. 10.1	53.881	1	47.37	276	8.847	37	83.64	36	34.490	6	31.42	236	22.509	26	14.41	99
20.0	53.880	54	44.61	269	8.884	67	84.00	16	34.496	50	29.06	227	22.535	57	13.42	82
März 2.0	53.934	113	41.92	253	8.951	99	84.16	5	34.546	96	26.79	209	22.592	92	12.60	60
12.0	54.047	172	39.39	224	9.050	133	84.11	30	34.642	143	24.70	181	22.684	127	12.00	34
21.9	54.219	229	37.15	188	9.183	166	83.81	57	34.785	191	22.89	146	22.811	162	11.66	3
31.9	54.448	282	35.27	143	9.349	200	83.24	84	34.976	235	21.43	103	22.973	197	11.63	29
Apr. 10.9	54.730	329	33.84	92	9.549	231	82.40	111	35.211	276	20.40	57	23.170	231	11.92	64
20.9	55.059	367	32.92	38	9.780	259	81.29	136	35.487	311	19.83	6	23.401	259	12.56	96
30.8	55.426	397	32.54	18	10.039	282	79.93	158	35.798	338	19.77	43	23.660	283	13.52	128
Mai 10.8	55.823	416	32.72	73	10.321	299	78.35	176	36.136	358	20.20	94	23.943	301	14.80	157
20.8	56.239	423	33.45	126	10.620	309	76.59	190	36.494	367	21.14	140	24.244	313	16.37	181
30.8	56.662	420	34.71	176	10.929	313	74.69	199	36.861	367	22.54	183	24.557	315	18.18	200
Juni 9.7	57.082	405	36.47	220	11.242	307	72.70	202	37.228	358	24.37	220	24.872	311	20.18	214
19.7	57.487	380	38.67	258	11.549	295	70.68	201	37.586	339	26.57	252	25.183	298	22.32	223
29.7	57.867	345	41.25	289	11.844	274	68.67	193	37.925	312	29.09	278	25.481	277	24.55	225
Juli 9.6	58.212	301	44.14	315	12.118	247	66.74	182	38.237	276	31.87	295	25.758	249	26.80	223
19.6	58.513	251	47.29	331	12.365	213	64.92	166	38.513	235	34.82	307	26.007	217	29.03	214
29.6	58.764	196	50.60	341	12.578	175	63.26	147	38.748	190	37.89	311	26.224	178	31.17	202
Aug. 8.6	58.960	138	54.01	344	12.753	133	61.79	126	38.938	140	41.00	310	26.402	137	33.19	186
18.5	59.098	79	57.45	338	12.886	91	60.53	104	39.078	90	44.10	301	26.539	94	35.05	166
28.5	59.177	21	60.83	327	12.977	49	59.49	80	39.168	41	47.11	286	26.633	52	36.71	145
Sept. 7.5	59.198	34	64.10	309	13.026	8	58.69	57	39.209	8	49.97	267	26.685	12	38.16	122
17.5	59.164	86	67.19	284	13.034	29	58.12	36	39.201	50	52.64	242	26.697	25	39.38	98
27.4	59.078	131	70.03	254	13.005	62	57.76	15	39.151	90	55.06	213	26.672	58	40.36	73
Okt. 7.4	58.947	171	72.57	219	12.943	87	57.61	4	39.061	122	57.19	180	26.614	84	41.09	50
17.4	58.776	202	74.76	179	12.856	107	57.65	20	38.939	148	58.99	143	26.530	104	41.59	26
27.3	58.574	225	76.55	134	12.749	120	57.85	34	38.791	168	60.42	103	26.426	119	41.85	3
Nov. 6.3	58.349	242	77.89	87	12.629	125	58.19	46	38.623	180	61.45	62	26.307	126	41.88	19
16.3	58.107	248	78.76	35	12.504	126	58.65	56	38.443	185	62.07	16	26.181	128	41.69	39
26.3	57.859	249	79.11	16	12.378	120	59.21	63	38.258	186	62.23	27	26.053	124	41.30	59
Dez. 6.2	57.610	240	78.95	68	12.258	111	59.84	70	38.072	178	61.96	71	25.929	117	40.71	76
16.2	57.370	224	78.27	118	12.147	96	60.54	73	37.894	166	61.25	114	25.812	104	39.95	92
26.2	57.146	201	77.09	165	12.051	79	61.27	75	37.728	147	60.11	152	25.708	88	39.03	104
36.2	56.945		75.44		11.972		62.02		37.581		58.59		25.620		37.99	
Mittl. Ort	54.613		37.91		8.594		86.14		34.757		23.18		22.307		10.40	
sec δ, tg δ	1.551		+1.186		1.000		−0.009		1.280		+0.799		1.017		+0.184	

Mittlere Zeit Greenw.	856) β Gruis				857) η Pegasi				859) λ Pegasi				860) ε Gruis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1918	$22^h 37^m$		−47° 18′		$22^h 39^m$		+29° 47′		$22^h 42^m$		+23° 8′		$22^h 43^m$		−51° 44′	
Jan. 1.2	46.794	133	57.61	122	9.593	106	45.21	154	35.089	94	13.94	139	36.665	161	62.76	135
11.1	46.661	97	56.39	158	9.487	82	43.67	177	34.995	72	12.55	156	36.504	122	61.41	175
21.1	46.564	57	54.81	189	9.405	55	41.90	192	34.923	48	10.99	166	36.382	80	59.66	208
31.1	46.507	16	52.92	218	9.350	24	39.98	199	34.875	18	9.33	170	36.302	34	57.58	238
Feb. 10.1	46.491	27	50.74	241	9.326	10	37.99	198	34.857	13	7.63	165	36.268	14	55.20	261
20.0	46.518	72	48.33	258	9.336	50	36.01	187	34.870	48	5.98	153	36.282	63	52.59	280
März 2.0	46.590	118	45.75	272	9.386	90	34.14	168	34.918	86	4.45	133	36.345	114	49.79	293
12.0	46.708	164	43.03	279	9.476	132	32.46	140	35.004	125	3.12	105	36.459	165	46.86	299
21.9	46.872	211	40.24	282	9.608	174	31.06	105	35.129	164	2.07	73	36.624	215	43.87	299
31.9	47.083	255	37.42	279	9.782	215	30.01	66	35.293	203	1.34	35	36.839	265	40.88	295
Apr. 10.9	47.338	298	34.63	269	9.997	252	29.35	22	35.496	239	0.99	5	37.104	312	37.93	283
20.9	47.636	336	31.94	256	10.249	284	29.13	23	35.735	270	1.04	47	37.416	353	35.10	266
30.8	47.972	368	29.38	235	10.533	311	29.36	69	36.005	296	1.51	87	37.769	390	32.44	242
Mai 10.8	48.340	393	27.03	211	10.844	330	30.05	112	36.301	315	2.38	127	38.159	417	30.02	215
20.8	48.733	411	24.92	180	11.174	340	31.17	153	36.616	327	3.65	162	38.576	437	27.87	181
30.8	49.144	417	23.12	145	11.514	342	32.70	189	36.943	330	5.27	192	39.013	447	26.06	143
Juni 9.7	49.561	415	21.67	108	11.856	336	34.59	221	37.273	325	7.19	219	39.460	445	24.63	103
19.7	49.976	400	20.59	67	12.192	319	36.80	245	37.598	310	9.38	238	39.905	431	23.60	59
29.7	50.376	376	19.92	25	12.511	296	39.25	265	37.908	289	11.76	252	40.336	406	23.01	14
Juli 9.6	50.752	342	19.67	17	12.807	265	41.90	276	38.197	260	14.28	260	40.742	371	22.87	30
19.6	51.094	298	19.84	58	13.072	227	44.66	283	38.457	225	16.88	261	41.113	324	23.17	74
29.6	51.392	246	20.42	97	13.299	185	47.49	282	38.682	185	19.49	257	41.437	270	23.91	114
Aug. 8.6	51.638	189	21.39	130	13.484	141	50.31	276	38.867	143	22.06	247	41.707	209	25.05	149
18.5	51.827	127	22.69	160	13.625	94	53.07	264	39.010	98	24.53	233	41.916	142	26.54	179
28.5	51.954	64	24.29	182	13.719	49	55.71	248	39.108	54	26.86	215	42.058	74	28.33	202
Sept. 7.5	52.018	3	26.11	197	13.768	5	58.19	226	39.162	13	29.01	193	42.132	6	30.35	217
17.5	52.021	56	28.08	203	13.773	36	60.45	202	39.175	26	30.94	168	42.138	58	32.52	222
27.4	51.965	109	30.11	201	13.737	71	62.47	173	39.149	60	32.62	142	42.080	117	34.74	218
Okt. 7.4	51.856	153	32.12	189	13.666	100	64.20	143	39.089	89	34.04	113	41.963	167	36.92	205
17.4	51.703	188	34.01	170	13.566	125	65.63	109	39.000	111	35.17	82	41.796	207	38.97	183
27.3	51.515	213	35.71	143	13.441	141	66.72	74	38.889	127	35.99	52	41.589	237	40.80	153
Nov. 6.3	51.302	227	37.14	110	13.300	152	67.46	37	38.762	138	36.51	19	41.352	255	42.33	117
16.3	51.075	230	38.24	72	13.148	157	67.83	0	38.624	141	36.70	13	41.097	260	43.50	75
26.3	50.845	224	38.96	30	12.991	155	67.83	37	38.483	140	36.57	44	40.837	256	44.25	31
Dez. 6.2	50.621	208	39.26	11	12.836	149	67.46	75	38.343	134	36.13	75	40.581	240	44.56	16
16.2	50.413	186	39.15	54	12.687	137	66.71	109	38.209	123	35.38	103	40.341	217	44.40	63
26.2	50.227	156	38.61	95	12.550	122	65.62	140	38.086	108	34.35	128	40.124	187	43.77	106
36.2	50.071		37.66		12.428		64.22		37.978		33.07		39.937		42.71	
Mittl. Ort	46.556		50.34		9.370		30.97		34.779		1.52		36.462		54.54	
sec δ, tg δ	1.475		−1.084		1.152		+0.573		1.087		+0.427		1.615		−1.268	

Mittlere Zeit Greenw.	863) ι Cephei AR.	Diff.	863) ι Cephei Dekl.	Diff.	864) λ Aquarii AR.	Diff.	864) λ Aquarii Dekl.	Diff.	865) ρ Indi AR.	Diff.	865) ρ Indi Dekl.	Diff.	866) δ Aquarii AR.	Diff.	866) δ Aquarii Dekl.	Diff.
1918	$22^h 46^m$		+65° 46′		$22^h 48^m$		−8° 0′		$22^h 48^m$		−70° 30′		$22^h 50^m$		−16° 14′	
Jan. 1.2	44.65	37	30.60	166	20.721	73	55.81	44	57.91	40	54.45	201	18.479	79	85.65	13
11.1	44.28	32	28.94	214	20.648	55	56.25	33	57.51	32	52.44	246	18.400	58	85.78	4
21.1	43.96	26	26.80	254	20.593	31	56.58	20	57.19	24	49.98	283	18.342	34	85.74	23
31.1	43.70	18	24.26	282	20.562	7	56.78	6	56.95	14	47.15	315	18.308	9	85.51	42
Feb. 10.1	43.52	9	21.44	301	20.555	21	56.84	12	56.81	5	44.00	337	18.299	19	85.09	61
20.0	43.43	0	18.43	306	20.576	50	56.72	32	56.76	5	40.63	353	18.318	50	84.48	83
März 2.0	43.43	9	15.37	299	20.626	83	56.40	52	56.81	14	37.10	359	18.368	82	83.65	104
12.0	43.52	20	12.38	279	20.709	117	55.88	76	56.95	24	33.51	358	18.450	117	82.61	124
22.0	43.72	28	9.59	249	20.826	152	55.12	99	57.19	34	29.93	349	18.567	153	81.37	144
31.9	44.00	38	7.10	207	20.978	186	54.13	122	57.53	42	26.44	334	18.720	187	79.93	162
Apr. 10.9	44.38	45	5.03	160	21.164	219	52.91	144	57.95	50	23.10	310	18.907	221	78.31	178
20.9	44.83	52	3.43	105	21.383	249	51.47	162	58.45	58	20.00	282	19.128	253	76.53	191
30.8	45.35	56	2.38	49	21.632	275	49.85	178	59.03	64	17.18	247	19.381	279	74.62	198
Mai 10.8	45.91	59	1.89	11	21.907	296	48.07	190	59.67	69	14.71	206	19.660	301	72.64	203
20.8	46.50	62	2.00	70	22.203	309	46.17	197	60.36	72	12.65	160	19.961	315	70.61	201
30.8	47.12	60	2.70	126	22.512	316	44.20	199	61.08	74	11.05	113	20.276	322	68.60	195
Juni 9.7	47.72	59	3.96	179	22.828	313	42.21	194	61.82	73	9.92	61	20.598	321	66.65	183
19.7	48.31	56	5.75	227	23.141	304	40.27	187	62.55	72	9.31	9	20.919	312	64.82	168
29.7	48.87	50	8.02	268	23.445	286	38.40	173	63.27	68	9.22	43	21.231	294	63.14	146
Juli 9.7	49.37	45	10.70	304	23.731	261	36.67	155	63.95	61	9.65	94	21.525	270	61.68	123
19.6	49.82	37	13.74	331	23.992	229	35.12	135	64.56	54	10.59	141	21.795	237	60.45	98
29.6	50.19	30	17.05	352	24.221	193	33.77	112	65.10	45	12.00	184	22.032	200	59.47	68
Aug. 8.6	50.49	21	20.57	365	24.414	152	32.65	87	65.55	34	13.84	220	22.232	159	58.79	41
18.5	50.70	13	24.22	371	24.566	109	31.78	61	65.89	23	16.04	249	22.391	114	58.38	13
28.5	50.83	4	27.93	368	24.675	67	31.17	37	66.12	10	18.53	269	22.505	71	58.25	12
Sept. 7.5	50.87	4	31.61	357	24.742	25	30.80	14	66.22	2	21.22	277	22.576	27	58.37	36
17.5	50.83	12	35.18	340	24.767	13	30.66	7	66.20	14	23.99	277	22.603	13	58.73	54
27.4	50.71	20	38.58	316	24.754	47	30.73	26	66.06	26	26.76	264	22.590	49	59.27	70
Okt. 7.4	50.51	26	41.74	284	24.707	76	30.99	40	65.80	35	29.40	241	22.541	79	59.97	80
17.4	50.25	31	44.58	246	24.631	97	31.39	53	65.45	44	31.81	207	22.462	103	60.77	85
27.4	49.94	37	47.04	202	24.534	113	31.92	60	65.01	50	33.88	165	22.359	119	61.62	87
Nov. 6.3	49.57	40	49.06	152	24.421	122	32.52	64	64.51	54	35.53	115	22.240	128	62.49	83
16.3	49.17	43	50.58	97	24.299	125	33.16	67	63.97	57	36.68	61	22.112	132	63.32	77
26.3	48.74	44	51.55	40	24.174	122	33.83	66	63.40	56	37.29	3	21.980	129	64.09	67
Dez. 6.2	48.30	44	51.95	19	24.052	114	34.49	63	62.84	55	37.32	56	21.851	121	64.76	55
16.2	47.86	43	51.76	78	23.938	103	35.12	58	62.29	50	36.76	114	21.730	109	65.31	42
26.2	47.43	40	50.98	135	23.835	87	35.70	51	61.79	44	35.62	167	21.621	93	65.73	25
36.2	47.03		49.63		23.748		36.21		61.35		33.95		21.528		65.98	
Mittl. Ort	45.40		7.96		20.253		58.63		58.34		43.68		18.001		85.96	
sec δ, tg δ	2.437		+2.222		1.010		−0.141		2.998		−2.826		1.042		−0.292	

Mittlere Zeit Greenw.	867) α Pisc. austr. AR.		Dekl.		869) ο Andromedae AR.		Dekl.		870) β Pegasi AR.		Dekl.		871) α Pegasi AR.		Dekl.	
1918	22h 53m		−30° 2′		22h 58m		+41° 53′		22h 59m		+27° 38′		23h 0m		+14° 45′	
Jan. 1.2	7.790	96	89.15	40	8.906	156	23.86	155	48.195	111	29.91	136	40.968	91	59.73	110
11.1	7.694	73	88.75	68	8.750	133	22.31	188	48.084	92	28.55	159	40.877	73	58.63	121
21.1	7.621	46	88.07	95	8.617	103	20.43	215	47.992	69	26.96	173	40.804	52	57.42	126
31.1	7.575	17	87.12	120	8.514	67	18.28	232	47.923	40	25.23	182	40.752	28	56.16	125
Feb. 10.1	7.558	15	85.92	143	8.447	27	15.96	240	47.883	8	23.41	182	40.724	1	54.91	118
20.0	7.573	48	84.49	166	8.420	20	13.56	237	47.875	28	21.59	172	40.725	33	53.73	105
März 2.0	7.621	84	82.83	184	8.440	68	11.19	223	47.903	67	19.87	157	40.758	67	52.68	86
12.0	7.705	122	80.99	202	8.508	120	8.96	201	47.970	109	18.30	131	40.825	104	51.82	60
22.0	7.827	160	78.97	214	8.628	172	6.95	170	48.079	152	16.99	100	40.929	142	51.22	30
31.9	7.987	198	76.83	225	8.800	221	5.25	129	48.231	193	15.99	64	41.071	180	50.92	2
Apr. 10.9	8.185	235	74.58	230	9.021	267	3.96	85	48.424	233	15.35	22	41.251	216	50.94	37
20.9	8.420	269	72.28	232	9.288	307	3.11	37	48.657	267	15.13	19	41.467	249	51.31	73
30.8	8.689	298	69.96	227	9.595	341	2.74	14	48.924	297	15.32	63	41.716	277	52.04	107
Mai 10.8	8.987	322	67.69	218	9.936	364	2.88	65	49.221	320	15.95	105	41.993	298	53.11	139
20.8	9.309	338	65.51	204	10.300	380	3.53	113	49.541	334	17.00	144	42.291	314	54.50	167
30.8	9.647	347	63.47	185	10.680	385	4.66	159	49.875	340	18.44	179	42.605	320	56.17	192
Juni 9.7	9.994	347	61.62	160	11.065	379	6.25	200	50.215	337	20.23	209	42.925	318	58.09	210
19.7	10.341	338	60.02	132	11.444	364	8.25	235	50.552	326	22.32	233	43.243	309	60.19	224
29.7	10.679	321	58.70	100	11.808	339	10.60	264	50.878	306	24.65	252	43.552	292	62.43	231
Juli 9.7	11.000	294	57.70	67	12.147	306	13.24	288	51.184	278	27.17	265	43.844	266	64.74	233
19.6	11.294	260	57.03	32	12.453	267	16.12	304	51.462	244	29.82	271	44.110	235	67.07	229
29.6	11.554	220	56.71	2	12.720	222	19.16	312	51.706	205	32.53	270	44.345	199	69.36	220
Aug. 8.6	11.774	175	56.73	36	12.942	172	22.28	315	51.911	163	35.23	265	44.544	160	71.56	208
18.5	11.949	127	57.09	66	13.114	122	25.43	312	52.074	119	37.88	254	44.704	117	73.64	190
28.5	12.076	78	57.75	92	13.236	71	28.55	301	52.193	73	40.42	239	44.821	76	75.54	171
Sept. 7.5	12.154	29	58.67	114	13.307	21	31.56	284	52.266	31	42.81	219	44.897	35	77.25	149
17.5	12.183	16	59.81	130	13.328	24	34.40	264	52.297	9	45.00	196	44.932	3	78.74	125
27.4	12.167	57	61.11	138	13.304	67	37.04	237	52.288	46	46.96	169	44.929	37	79.99	100
Okt. 7.4	12.110	92	62.49	141	13.237	104	39.41	206	52.242	76	48.65	141	44.892	66	80.99	75
17.4	12.018	120	63.90	137	13.133	134	41.47	171	52.166	102	50.06	110	44.826	89	81.74	50
27.4	11.898	140	65.27	125	12.999	158	43.18	132	52.064	121	51.16	77	44.737	106	82.24	25
Nov. 6.3	11.758	152	66.52	109	12.841	176	44.50	91	51.943	135	51.93	44	44.631	118	82.49	0
16.3	11.606	156	67.61	89	12.665	188	45.41	45	51.808	143	52.37	8	44.513	124	82.49	25
26.3	11.450	153	68.50	64	12.477	193	45.86	0	51.665	145	52.45	27	44.389	125	82.24	46
Dez. 6.2	11.297	145	69.14	37	12.284	192	45.86	46	51.520	143	52.18	60	44.264	122	81.78	69
16.2	11.152	131	69.51	9	12.092	184	45.40	91	51.377	136	51.58	93	44.142	114	81.09	88
26.2	11.021	113	69.60	20	11.908	171	44.49	133	51.241	124	50.65	123	44.028	102	80.21	104
36.2	10.908		69.40		11.737		43.16		51.117		49.42		43.926		79.17	
Mittl. Ort	7.334		85.56		8.692		5.73		47.805		15.72		40.491		49.53	
sec δ, tg δ	1.155		−0.579		1.343		+0.897		1.129		+0.524		1.034		+0.263	

Mittlere Zeit Greenw.	872) ϑ Gruis AR.		872) Dekl.		873) c² Aquarii AR.		873) Dekl.		874) π Cephei AR.		874) Dekl.		875) Br. 3077 AR.		875) Dekl.	
1918	23h 2m		−43° 57′		23h 5m		−21° 36′		23h 5m		+74° 56′		23h 9m		+56° 42′	
Jan. 1.2	16.262 s	143	56.32 ″	89	5.127 s	92	65.26 ″	2	15.79 s	68	63.28 ″	132	19.713 s	255	77.29 ″	144
11.2	16.119	115	55.43	127	5.035	73	65.24	26	15.11	60	61.96	186	19.458	226	75.85	190
21.1	16.004	82	54.16	162	4.962	51	64.98	48	14.51	51	60.10	234	19.232	185	73.95	227
31.1	15.922	46	52.54	192	4.911	25	64.50	71	14.00	39	57.76	271	19.047	135	71.68	257
Feb. 10.1	15.876	8	50.62	220	4.886	2	63.79	93	13.61	25	55.05	297	18.912	78	69.11	274
20.0	15.868	33	48.42	242	4.888	34	62.86	116	13.36	11	52.08	312	18.834	13	66.37	281
März 2.0	15.901	76	46.00	259	4.922	67	61.70	137	13.25	5	48.96	313	18.821	58	63.56	276
12.0	15.977	121	43.41	272	4.989	103	60.33	157	13.30	20	45.83	302	18.879	129	60.80	259
22.0	16.098	167	40.69	279	5.092	140	58.76	176	13.50	37	42.81	277	19.008	202	58.21	231
31.9	16.265	211	37.90	281	5.232	177	57.00	191	13.87	50	40.04	244	19.210	270	55.90	195
Apr. 10.9	16.476	256	35.09	279	5.409	213	55.09	204	14.37	63	37.60	199	19.480	334	53.95	149
20.9	16.732	295	32.30	268	5.622	247	53.05	212	15.00	74	35.61	150	19.814	389	52.46	100
30.9	17.027	331	29.62	254	5.869	276	50.93	216	15.74	82	34.11	94	20.203	433	51.46	45
Mai 10.8	17.358	360	27.08	233	6.145	300	48.77	216	16.56	88	33.17	35	20.636	467	51.01	10
20.8	17.718	381	24.75	206	6.445	318	46.61	210	17.44	91	32.82	24	21.103	487	51.11	66
30.8	18.099	394	22.69	175	6.763	328	44.51	198	18.35	91	33.06	83	21.590	494	51.77	119
Juni 9.7	18.493	396	20.94	140	7.091	330	42.53	183	19.26	89	33.89	138	22.084	488	52.96	170
19.7	18.889	389	19.54	101	7.421	323	40.70	161	20.15	85	35.27	191	22.572	469	54.66	214
29.7	19.278	370	18.53	59	7.744	308	39.09	137	21.00	78	37.18	238	23.041	438	56.80	255
Juli 9.7	19.648	342	17.94	18	8.052	285	37.72	108	21.78	70	39.56	279	23.479	397	59.35	288
19.6	19.990	306	17.76	25	8.337	253	36.64	78	22.48	59	42.35	314	23.876	347	62.23	315
29.6	20.296	260	18.01	66	8.590	218	35.86	47	23.07	49	45.49	341	24.223	291	65.38	334
Aug. 8.6	20.556	208	18.67	104	8.808	176	35.39	15	23.56	36	48.90	362	24.514	229	68.72	346
18.6	20.764	153	19.71	137	8.984	133	35.24	16	23.92	24	52.52	374	24.743	166	72.18	352
28.5	20.917	94	21.08	164	9.117	86	35.40	42	24.16	11	56.26	379	24.909	99	75.70	349
Sept. 7.5	21.011	35	22.72	184	9.203	42	35.82	67	24.27	3	60.05	377	25.008	37	79.19	340
17.5	21.046	19	24.56	196	9.245	0	36.49	86	24.24	14	63.82	365	25.045	25	82.59	324
27.4	21.027	71	26.52	201	9.245	38	37.35	100	24.10	27	67.47	347	25.020	82	85.83	301
Okt. 7.4	20.956	116	28.53	195	9.207	71	38.35	109	23.83	38	70.94	321	24.938	134	88.84	273
17.4	20.840	152	30.48	182	9.136	98	39.44	112	23.45	47	74.15	287	24.804	178	91.57	237
27.4	20.688	180	32.30	161	9.038	116	40.56	109	22.98	57	77.02	246	24.626	217	93.94	196
Nov. 6.3	20.508	198	33.91	132	8.922	130	41.65	102	22.41	63	79.48	199	24.409	248	95.90	151
16.3	20.310	207	35.23	99	8.792	135	42.67	89	21.78	70	81.47	145	24.161	270	97.41	100
26.3	20.103	207	36.22	60	8.657	136	43.56	74	21.08	73	82.92	88	23.891	284	98.41	48
Dez. 6.3	19.896	199	36.82	21	8.521	130	44.30	55	20.35	76	83.80	26	23.607	290	98.89	8
16.2	19.697	184	37.03	22	8.391	120	44.85	35	19.59	74	84.06	35	23.317	286	98.81	62
26.2	19.513	162	36.81	62	8.271	106	45.20	14	18.85	71	83.71	98	23.031	272	98.19	115
36.2	19.351		36.19		8.165		45.34		18.14		82.73		22.759		97.04	
Mittl. Ort	15.851		49.23		4.584		63.92		17.12		38.62		19.697		55.36	
sec δ, tg δ	1.389		−0.964		1.076		−0.396		3.850		+3.718		1.822		+1.523	

Mittlere Zeit Greenw.	877) γ Tucanae AR.		Dekl.		879) γ Sculptoris AR.		Dekl.		880) τ Pegasi AR.		Dekl.	
	$23^h\ 12^m$		$-58°\ 40'$		$23^h\ 14^m$		$-32°\ 58'$		$23^h\ 16^m$		$+23°\ 17'$	
1918	s		″		s		″		s		″	
Jan. 1.2	39.322	250	77.83	135	24.509	118	48.92	39	35.103	110	41.61	119
11.2	39.072	209	76.48	181	24.391	97	48.53	72	34.993	95	40.42	139
21.1	38.863	164	74.67	222	24.294	72	47.81	102	34.898	75	39.03	151
31.1	38.699	112	72.45	257	24.222	45	46.79	131	34.823	50	37.52	157
Feb. 10.1	38.587	56	69.88	286	24.177	14	45.48	157	34.773	21	35.95	157
20.1	38.531	1	67.02	308	24.163	21	43.91	182	34.752	12	34.38	149
März 2.0	38.532	62	63.94	324	24.184	57	42.09	202	34.764	50	32.89	133
12.0	38.594	124	60.70	332	24.241	96	40.07	221	34.814	89	31.56	109
22.0	38.718	187	57.38	334	24.337	137	37.86	234	34.903	131	30.47	81
31.9	38.905	248	54.04	329	24.474	177	35.52	245	35.034	173	29.66	47
Apr. 10.9	39.153	308	50.75	317	24.651	218	33.07	250	35.207	212	29.19	10
20.9	39.461	362	47.58	298	24.869	254	30.57	250	35.419	248	29.09	30
30.9	39.823	410	44.60	273	25.123	288	28.07	245	35.667	280	29.39	69
Mai 10.8	40.233	451	41.87	243	25.411	316	25.62	234	35.947	305	30.08	107
20.8	40.684	481	39.44	206	25.727	337	23.28	219	36.252	322	31.15	142
30.8	41.165	500	37.38	164	26.064	351	21.09	197	36.574	332	32.57	175
Juni 9.7	41.665	508	35.74	119	26.415	354	19.12	171	36.906	332	34.32	201
19.7	42.173	501	34.55	72	26.769	349	17.41	140	37.238	324	36.33	223
29.7	42.674	480	33.83	21	27.118	335	16.01	106	37.562	307	38.56	239
Juli 9.7	43.154	448	33.62	28	27.453	312	14.95	69	37.869	284	40.95	249
19.6	43.602	402	33.90	77	27.765	281	14.26	31	38.153	253	43.44	253
29.6	44.004	345	34.67	122	28.046	243	13.95	6	38.406	218	45.97	250
Aug. 8.6	44.349	279	35.89	163	28.289	199	14.01	43	38.624	177	48.47	244
18.6	44.628	206	37.52	198	28.488	151	14.44	76	38.801	135	50.91	232
28.5	44.834	127	39.50	227	28.639	101	15.20	106	38.936	93	53.23	217
Sept. 7.5	44.961	47	41.77	244	28.740	52	16.26	129	39.029	51	55.40	197
17.5	45.008	30	44.21	254	28.792	4	17.55	148	39.080	11	57.37	174
27.4	44.978	104	46.75	253	28.796	39	19.03	159	39.091	24	59.11	150
Okt. 7.4	44.874	170	49.28	241	28.757	78	20.62	162	39.067	55	60.61	123
17.4	44.704	227	51.69	219	28.679	109	22.24	158	39.012	82	61.84	95
27.4	44.477	271	53.88	189	28.570	134	23.82	147	38.930	102	62.79	65
Nov. 6.3	44.206	303	55.77	149	28.436	150	25.29	130	38.828	117	63.44	36
16.3	43.903	322	57.26	104	28.286	159	26.59	106	38.711	128	63.80	5
26.3	43.581	326	58.30	55	28.127	161	27.65	79	38.583	132	63.85	25
Dez. 6.3	43.255	320	58.85	2	27.966	157	28.44	48	38.451	133	63.60	55
16.2	42.935	303	58.87	51	27.809	148	28.92	16	38.318	129	63.05	83
26.2	42.632	274	58.36	102	27.661	132	29.08	16	38.189	121	62.22	108
36.2	42.358		57.34		27.529		28.92		38.068		61.14	
Mittl. Ort	39.064		67.80		23.957		44.29		34.566		28.42	
sec δ, tg δ	1.924		−1.644		1.192		−0.649		1.089		+0.430	

Mittlere Zeit Greenw.	882) 4 Cassiopeiae				884) ϰ Piscium				885) 70 Pegasi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
	$23^h\ 21^m$		$+61°\ 49'$		$23^h\ 22^m$		$+0°\ 48'$		$23^h\ 25^m$		$+12°\ 18'$	
1918	s		"		s		"		s		"	
Jan. 1.2	11.32	33	80.04	128	44.370	91	29.24	72	1.005	99	38.30	96
11.2	10.99	30	78.76	177	44.279	77	28.52	68	0.906	85	37.34	105
21.1	10.69	25	76.99	220	44.202	60	27.84	61	0.821	68	36.29	108
31.1	10.44	21	74.79	255	44.142	40	27.23	52	0.753	46	35.21	107
Feb. 10.1	10.23	13	72.24	278	44.102	14	26.71	38	0.707	21	34.14	100
20.1	10.10	5	69.46	289	44.088	14	26.33	21	0.686	9	33.14	88
März 2.0	10.05	2	66.57	290	44.102	46	26.12	1	0.695	42	32.26	69
12.0	10.07	11	63.67	277	44.148	81	26.11	24	0.737	79	31.57	47
22.0	10.18	20	60.90	253	44.229	118	26.35	48	0.816	118	31.10	19
31.9	10.38	27	58.37	219	44.347	155	26.83	75	0.934	157	30.91	11
Apr. 10.9	10.65	36	56.18	178	44.502	192	27.58	103	1.091	195	31.02	43
20.9	11.01	42	54.40	128	44.694	226	28.61	128	1.286	230	31.45	76
30.9	11.43	47	53.12	76	44.920	256	29.89	151	1.516	261	32.21	108
Mai 10.8	11.90	51	52.36	19	45.176	281	31.40	171	1.777	287	33.29	138
20.8	12.41	54	52.17	37	45.457	300	33.11	188	2.064	305	34.67	164
30.8	12.95	56	52.54	93	45.757	311	34.99	198	2.369	317	36.31	186
Juni 9.8	13.51	54	53.47	146	46.068	315	36.97	205	2.686	319	38.17	204
19.7	14.05	53	54.93	194	46.383	309	39.02	205	3.005	314	40.21	215
29.7	14.58	50	56.87	237	46.692	296	41.07	201	3.319	301	42.36	221
Juli 9.7	15.08	45	59.24	275	46.988	276	43.08	191	3.620	279	44.57	223
19.6	15.53	40	61.99	307	47.264	250	44.99	176	3.899	252	46.80	217
29.6	15.93	34	65.06	330	47.514	216	46.75	159	4.151	219	48.97	208
Aug. 8.6	16.27	27	68.36	347	47.730	179	48.34	138	4.370	181	51.05	195
18.6	16.54	20	71.83	357	47.909	140	49.72	116	4.551	142	53.00	177
28.5	16.74	12	75.40	359	48.049	99	50.88	91	4.693	101	54.77	158
Sept. 7.5	16.86	6	78.99	354	48.148	59	51.79	67	4.794	61	56.35	136
17.5	16.92	3	82.53	341	48.207	21	52.46	44	4.855	22	57.71	112
27.5	16.89	8	85.94	322	48.228	13	52.90	21	4.877	11	58.83	89
Okt. 7.4	16.81	15	89.16	295	48.215	44	53.11	1	4.866	42	59.72	65
17.4	16.66	20	92.11	263	48.171	68	53.12	16	4.824	67	60.37	42
27.4	16.46	25	94.74	224	48.103	88	52.96	32	4.757	88	60.79	19
Nov. 6.3	16.21	29	96.98	178	48.015	101	52.64	44	4.669	102	60.98	3
16.3	15.92	33	98.76	128	47.914	110	52.20	56	4.567	112	60.95	24
26.3	15.59	34	100.04	74	47.804	114	51.64	63	4.455	117	60.71	44
Dez. 6.3	15.25	36	100.78	17	47.690	114	51.01	69	4.338	118	60.27	62
16.2	14.89	36	100.95	40	47.576	109	50.32	73	4.220	115	59.65	77
26.2	14.53	34	100.55	96	47.467	101	49.59	74	4.105	108	58.88	92
36.2	14.19		99.59		47.366		48.85		3.997		57.96	
Mittl. Ort	11.30		56.75		43.726		23.43		0.370		28.59	
sec δ, tg δ	2.118		+1.868		1.000		+0.014		1.024		+0.218	

Mittlere Zeit Greenw.	891) ι Andromedae AR.		891) Dekl.		892) ι Piscium AR.		892) Dekl.		893) γ Cephei AR.		893) Dekl.	
1918	$23^h\ 34^m$		+42° 48′		$23^h\ 35^m$		+5° 10′		$23^h\ 35^m$		+77° 10′	
Jan. 1.2	7.134	175	69.42	122	44.619	97	61.30	81	57.52	85	54.68	87
11.2	6.959	161	68.20	158	44.522	86	60.49	82	56.67	78	53.81	145
21.2	6.798	137	66.62	190	44.436	70	59.67	79	55.89	69	52.36	199
31.1	6.661	108	64.72	212	44.366	50	58.88	72	55.20	57	50.37	243
Feb. 10.1	6.553	70	62.60	227	44.316	28	58.16	62	54.63	43	47.94	278
20.1	6.483	27	60.33	231	44.288	1	57.54	47	54.20	25	45.16	300
März 2.0	6.456	22	58.02	226	44.289	33	57.07	27	53.95	8	42.16	312
12.0	6.478	75	55.76	209	44.322	69	56.80	5	53.87	11	39.04	308
22.0	6.553	129	53.67	184	44.391	106	56.75	21	53.98	29	35.96	294
Apr. 1.0	6.682	183	51.83	152	44.497	144	56.96	48	54.27	47	33.02	267
10.9	6.865	235	50.31	111	44.641	183	57.44	77	54.74	63	30.35	231
20.9	7.100	281	49.20	68	44.824	218	58.21	106	55.37	77	28.04	186
30.9	7.381	322	48.52	20	45.042	251	59.27	132	56.14	89	26.18	135
Mai 10.9	7.703	355	48.32	29	45.293	277	60.59	156	57.03	97	24.83	80
20.8	8.058	377	48.61	77	45.570	298	62.15	175	58.00	104	24.03	22
30.8	8.435	390	49.38	124	45.868	311	63.90	192	59.04	106	23.81	37
Juni 9.8	8.825	393	50.62	166	46.179	316	65.82	202	60.10	106	24.18	93
19.7	9.218	386	52.28	203	46.495	313	67.84	208	61.16	102	25.11	148
29.7	9.604	367	54.31	237	46.808	301	69.92	207	62.18	97	26.59	199
Juli 9.7	9.971	340	56.68	264	47.109	284	71.99	202	63.15	90	28.58	245
19.7	10.311	307	59.32	284	47.393	257	74.01	192	64.05	79	31.03	284
29.6	10.618	265	62.16	298	47.650	226	75.93	177	64.84	67	33.87	318
Aug. 8.6	10.883	221	65.14	305	47.876	190	77.70	159	65.51	55	37.05	344
18.6	11.104	172	68.19	306	48.066	152	79.29	139	66.06	41	40.49	364
28.5	11.276	123	71.25	302	48.218	113	80.68	115	66.47	26	44.13	375
Sept. 7.5	11.399	74	74.27	290	48.331	72	81.83	93	66.73	12	47.88	380
17.5	11.473	26	77.17	274	48.403	35	82.76	69	66.85	3	51.68	376
27.5	11.499	18	79.91	252	48.438	0	83.45	46	66.82	17	55.44	364
Okt. 7.4	11.481	58	82.43	226	48.438	30	83.91	24	66.65	31	59.08	345
17.4	11.423	93	84.69	195	48.408	57	84.15	4	66.34	44	62.53	317
27.4	11.330	123	86.64	159	48.351	77	84.19	13	65.90	56	65.70	283
Nov. 6.4	11.207	148	88.23	122	48.274	93	84.06	30	65.34	66	68.53	239
16.3	11.059	167	89.45	79	48.181	104	83.76	45	64.68	75	70.92	190
26.3	10.892	181	90.24	35	48.077	110	83.31	57	63.93	82	72.82	135
Dez. 6.3	10.711	188	90.59	9	47.967	113	82.74	67	63.11	86	74.17	75
16.2	10.523	190	90.50	55	47.854	110	82.07	75	62.25	88	74.92	13
26.2	10.333	186	89.95	99	47.744	106	81.32	81	61.37	87	75.05	51
36.2	10.147		88.96		47.638		80.51		60.50		74.54	
Mittl. Ort	6.595		50.12		43.905		53.94		58.22		28.78	
sec δ, tg δ	1.363		+0.926		1.004		+0.091		4.505		+4.393	

Mittlere Zeit Greenw.	894) ω² Aquarii AR.		894) ω² Aquarii Dekl.		895) 41 H. Cephei AR.		895) 41 H. Cephei Dekl.		896) Lac. δ Sculptoris AR.		896) Lac. δ Sculptoris Dekl.	
	$23^h\ 38^m$		$-14°\ 59'$		$23^h\ 43^m$		$+67°\ 20'$		$23^h\ 44^m$		$-28°\ 34'$	
1918												
Jan. 1.2	$28^s.998$	102	$53''.73$	31	$59^s.00$	44	$88''.95$	93	$40^s.140$	126	$65''.61$	6
11.2	28.896	91	54.04	11	58.56	42	88.02	148	40.014	112	65.55	37
21.2	28.805	74	54.15	8	58.14	36	86.54	197	39.902	93	65.18	67
31.1	28.731	54	54.07	29	57.78	31	84.57	238	39.809	71	64.51	98
Feb. 10.1	28.677	30	53.78	52	57.47	23	82.19	269	39.738	45	63.53	125
20.1	28.647	1	53.26	74	57.24	13	79.50	289	39.693	14	62.28	153
März 2.0	28.646	29	52.52	98	57.11	4	76.61	297	39.679	20	60.75	176
12.0	28.675	65	51.54	119	57.07	7	73.64	293	39.699	57	58.99	199
22.0	28.740	102	50.35	142	57.14	17	70.71	276	39.756	97	57.00	217
Apr. 1.0	28.842	141	48.93	163	57.31	28	67.95	249	39.853	139	54.83	231
10.9	28.983	178	47.30	180	57.59	37	65.46	212	39.992	180	52.52	243
20.9	29.161	215	45.50	196	57.96	46	63.34	167	40.172	220	50.09	249
30.9	29.376	248	43.54	207	58.42	54	61.67	117	40.392	256	47.60	249
Mai 10.9	29.624	277	41.47	214	58.96	59	60.50	63	40.648	288	45.11	245
20.8	29.901	299	39.33	215	59.55	63	59.87	6	40.936	312	42.66	234
30.8	30.200	313	37.18	211	60.18	66	59.81	50	41.248	331	40.32	219
Juni 9.8	30.513	321	35.07	203	60.84	66	60.31	106	41.579	340	38.13	196
19.7	30.834	319	33.04	188	61.50	64	61.37	157	41.919	341	36.17	170
29.7	31.153	310	31.16	168	62.14	62	62.94	205	42.260	332	34.47	139
Juli 9.7	31.463	292	29.48	146	62.76	57	64.99	248	42.592	315	33.08	105
19.7	31.755	267	28.02	119	63.33	51	67.47	285	42.907	290	32.03	68
29.6	32.022	235	26.83	90	63.84	44	70.32	315	43.197	258	31.35	30
Aug. 8.6	32.257	199	25.93	59	64.28	37	73.47	337	43.455	219	31.05	7
18.6	32.456	160	25.34	29	64.65	29	76.84	355	43.674	176	31.12	44
28.6	32.616	117	25.05	0	64.94	20	80.39	363	43.850	131	31.56	76
Sept. 7.5	32.733	76	25.05	28	65.14	12	84.02	364	43.981	85	32.32	106
17.5	32.809	36	25.33	51	65.26	3	87.66	359	44.066	39	33.38	128
27.5	32.845	2	25.84	71	65.29	6	91.25	344	44.105	3	34.66	145
Okt. 7.4	32.843	35	26.55	86	65.23	13	94.69	325	44.102	41	36.11	155
17.4	32.808	64	27.41	96	65.10	21	97.94	295	44.061	74	37.66	158
27.4	32.744	85	28.37	100	64.89	27	100.89	261	43.987	101	39.24	152
Nov. 6.4	32.659	103	29.37	100	64.62	33	103.50	218	43.886	121	40.76	142
16.3	32.556	114	30.37	95	64.29	38	105.68	171	43.765	136	42.18	124
26.3	32.442	120	31.32	87	63.91	42	107.39	117	43.629	143	43.42	102
Dez. 6.3	32.322	122	32.19	75	63.49	44	108.56	60	43.486	146	44.44	75
16.3	32.200	119	32.94	61	63.05	46	109.16	1	43.340	143	45.19	47
26.2	32.081	112	33.55	43	62.59	46	109.17	59	43.197	135	45.66	16
36.2	31.969		33.98		62.13		108.58		43.062		45.82	
Mittl. Ort	28.270		54.26		58.78		64.14		39.408		61.88	
sec δ, tg δ	1.035		−0.268		2.597		+2.397		1.139		−0.545	

Mittlere Zeit Greenw.	898) φ Pegasi AR.		898) φ Pegasi Dekl.		902) ω Piscium AR.		902) ω Piscium Dekl.		903) ε Tucanae AR.		903) ε Tucanae Dekl.	
	$23^h\,48^m$		$+18°\,39'$		$23^h\,55^m$		$+6°\,24'$		$23^h\,55^m$		$-66°\,1'$	
1918	s		″		s		″		s		″	
Jan. 1.2	19.608	114	65.27	97	6.791	104	41.37	79	40.25	41	72.05	110
11.2	19.494	104	64.30	111	6.687	96	40.58	81	39.84	37	70.95	163
21.2	19.390	90	63.19	123	6.591	84	39.77	79	39.47	32	69.32	212
31.1	19.300	71	61.96	126	6.507	67	38.98	74	39.15	27	67.20	255
Feb. 10.1	19.229	47	60.70	126	6.440	45	38.24	65	38.88	20	64.65	291
20.1	19.182	17 —	59.44	119	6.395	18 —	37.59	51	38.68	13	61.74	321
März 2.1	19.165	17	58.25	104	6.377	13	37.08	34	38.55	6 —	58.53	343
12.0	19.182	55	57.21	85	6.390	48	36.74	12 —	38.49	3	55.10	356
22.0	19.237	97	56.36	60	6.438	86	36.62	13	38.52	11	51.54	363
Apr. 1.0	19.334	138	55.76	30 —	6.524	126	36.75	41	38.63	18	47.91	362
10.9	19.472	179	55.46	3	6.650	166	37.16	68	38.81	27	44.29	352
20.9	19.651	219	55.49	38	6.816	204	37.84	97	39.08	35	40.77	336
30.9	19.870	254	55.87	73	7.020	238	38.81	124	39.43	42	37.41	313
Mai 10.9	20.124	283	56.60	107	7.258	267	40.05	148	39.85	48	34.28	281
20.8	20.407	306	57.67	138	7.525	292	41.53	170	40.33	54	31.47	245
30.8	20.713	321	59.05	165	7.817	307	43.23	187	40.87	57	29.02	202
Juni 9.8	21.034	327	60.70	190	8.124	315	45.10	199	41.44	60	27.00	155
19.8	21.361	325	62.60	208	8.439	316	47.09	206	42.04	61	25.45	103
29.7	21.686	315	64.68	220	8.755	307	49.15	207	42.65	60	24.42	50 —
Juli 9.7	22.001	296	66.88	229	9.062	292	51.22	204	43.25	57	23.92	5
19.7	22.297	271	69.17	230	9.354	268	53.26	195	43.82	54	23.97	59
29.6	22.568	241	71.47	227	9.622	240	55.21	182	44.36	48	24.56	112
Aug. 8.6	22.809	204	73.74	219	9.862	206	57.03	166	44.84	42	25.68	159
18.6	23.013	166	75.93	206	10.068	169	58.69	146	45.26	33	27.27	203
28.6	23.179	126	77.99	190	10.237	131	60.15	123	45.59	24	29.30	238
Sept. 7.5	23.305	86	79.89	172	10.368	92	61.38	100	45.83	13	31.68	264
17.5	23.391	47	81.61	149	10.460	54	62.38	77	45.96	4 —	34.32	282
27.5	23.438	12 —	83.10	127	10.514	19 —	63.15	54	46.00	5	37.14	287
Okt. 7.5	23.450	20	84.37	103	10.533	12	63.69	32	45.95	15	40.01	281
17.4	23.430	49	85.40	78	10.521	40	64.01	11 —	45.80	23	42.82	264
27.4	23.381	71	86.18	52	10.481	62	64.12	7	45.57	31	45.46	237
Nov. 6.4	23.310	90	86.70	28	10.419	80	64.05	24	45.26	37	47.83	198
16.3	23.220	105	86.98	2 —	10.339	95	63.81	39	44.89	41	49.81	153
26.3	23.115	115	87.00	22	10.244	104	63.42	52	44.48	43	51.34	101
Dez. 6.3	23.000	120	86.78	46	10.140	110	62.90	63	44.05	45	52.35	45 —
16.3	22.880	123	86.32	68	10.030	112	62.27	72	43.60	45	52.80	14
26.2	22.757	120	85.64	88	9.918	111	61.55	78	43.15	43	52.66	72
36.2	22.637		84.76		9.807		60.77		42.72		51.94	
Mittl. Ort	18.836		53.23		5.962		33.53		39.81		60.19	
sec δ, tg δ	1.055		+0.338		1.006		+0.112		2.462		−2.250	

1918	43 Hev. Cephei $4^m.3$				α Ursae minoris $2^m.0$				Gr. 750 $6^m.8$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$0^h 57^m$ s	in s 0.01	+85° 49′ ″	in ″ 0.01	$1^h 30^m$ s	in s 0.01	+88° 52′ ″	in ″ 0.01	$4^h 10^m$ s	in s 0.01	+85° 20′ ″	in ″ 0.01
Jan. 0	21.72	+ 1	31.46	+ 9	70.04	+ 3	28.09	+ 9	40.03	+ 6	33.92	+ 7
1	21.44	− 3	31.54	+ 8	69.05	−10	28.22	+ 8	39.92	+ 3	34.20	+ 8
2	21.16	− 6	31.62	+ 5	68.05	−20	28.34	+ 6	39.81	− 1	34.48	+ 8
3	20.88	− 8	31.68	+ 2	67.03	−27	28.46	+ 3	39.70	− 4	34.75	+ 7
4	20.60	− 8	31.74	− 2	66.01	−30	28.58	− 1	39.58	− 7	35.02	+ 4
5	20.32	− 8	31.80	− 6	64.99	−28	28.69	− 4	39.45	− 9	35.29	+ 1
6	20.04	− 6	31.85	− 9	63.96	−21	28.79	− 8	39.33	− 9	35.55	− 3
7	19.76	− 3	31.89	−10	62.92	−11	28.88	−10	39.19	− 8	35.81	− 6
8	19.48	+ 1	31.92	−10	61.88	+ 2	28.97	−11	39.06	− 6	36.07	− 9
9	19.20	+ 4	31.95	− 9	60.84	+14	29.05	− 9	38.92	− 3	36.32	−10
10	18.92	+ 7	31.97	− 6	59.79	+24	29.13	− 7	38.77	+ 1	36.57	− 9
11	18.64	+ 8	31.99	− 1	58.74	+28	29.20	− 2	38.62	+ 4	36.81	− 7
12	18.35	+ 7	31.99	+ 3	57.68	+25	29.26	+ 2	38.46	+ 6	37.05	− 3
13	18.07	+ 5	31.98	+ 7	56.61	+17	29.32	+ 6	38.31	+ 7	37.28	+ 2
14	17.79	+ 1	31.97	+ 8	55.54	+ 3	29.37	+ 9	38.14	+ 6	37.51	+ 7
15	17.51	− 4	31.96	+ 8	54.48	−12	29.41	+ 9	37.98	+ 3	37.74	+ 9
16	17.22	− 7	31.94	+ 6	53.41	−24	29.45	+ 7	37.81	− 1	37.96	+10
17	16.94	− 9	31.92	+ 2	52.34	−31	29.48	+ 4	37.64	− 4	38.18	+ 8
18	16.66	− 8	31.89	− 2	51.28	−29	29.50	− 1	37.46	− 6	38.39	+ 4
19	16.38	− 6	31.86	− 5	50.21	−20	29.51	− 4	37.28	− 7	38.60	0
20	16.10	− 2	31.82	− 7	49.14	− 6	29.52	− 7	37.10	− 5	38.80	− 4
21	15.82	+ 3	31.77	− 6	48.07	+ 9	29.52	− 7	36.91	− 2	39.00	− 7
22	15.55	+ 7	31.71	− 4	46.99	+24	29.51	− 5	36.71	+ 2	39.19	− 9
23	15.27	+ 9	31.64	− 1	45.92	+33	29.50	− 2	36.52	+ 6	39.37	− 7
24	14.99	+10	31.57	+ 3	44.85	+35	29.48	+ 2	36.32	+ 8	39.55	− 5
25	14.72	+ 9	31.50	+ 7	43.79	+31	29.46	+ 5	36.11	+10	39.73	− 1
26	14.45	+ 6	31.42	+ 9	42.73	+22	29.43	+ 8	35.91	+ 9	39.90	+ 3
27	14.18	+ 2	31.33	+ 9	41.67	+ 9	29.39	+ 9	35.70	+ 7	40.06	+ 6
28	13.91	− 1	31.24	+ 9	40.61	− 5	29.35	+ 9	35.49	+ 4	40.22	+ 8
29	13.64	− 5	31.14	+ 6	39.56	−16	29.30	+ 7	35.28	+ 1	40.38	+ 9
30	13.37	− 7	31.03	+ 3	38.51	−25	29.24	+ 4	35.06	− 3	40.53	+ 8
31	13.10	− 8	30.92	− 1	37.47	−30	29.18	0	34.84	− 6	40.67	+ 6
Febr. 1	12.84	− 8	30.80	− 4	36.43	−30	29.11	− 3	34.62	− 8	40.81	+ 3
2	12.58	− 7	30.67	− 8	35.39	−25	29.03	− 7	34.39	− 9	40.94	− 1
3	12.32	− 4	30.54	−10	34.35	−16	28.95	−10	34.16	− 9	41.07	− 5
4	12.07	− 1	30.40	−11	33.33	− 4	28.86	−11	33.93	− 8	41.19	− 8
5	11.81	+ 3	30.26	−10	32.32	+ 9	28.77	−11	33.70	− 5	41.30	−10
6	11.56	+ 6	30.11	− 7	31.31	+20	28.67	− 9	33.47	− 1	41.41	−10
sec δ, tg δ	85° 49′ 30″	13.736	+13.699		88° 52′ 20″	50.807	+50.798		85° 20′ 30″	12.313	+12.273	
	40	13.745	+13.708		30	50.933	+50.923		40	12.321	+12.280	

1918	51 Hev. Cephei $5^m.2$				1 Hev. Draconis $4^m.3$				ε Ursae minoris $4^m.2$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$7^h\ 3^m$	in ^{s} 0.01	+87° 10′	in ″ 0.01	$9^h\ 25^m$	in ^{s} 0.01	+81° 41′	in ″ 0.01	$16^h\ 54^m$	in ^{s} 0.01	+82° 10′	in ″ 0.01
Jan. 0	^{s}11.19	+13	″44.42	+ 1	^{s}40.41	+ 5	″6.39	− 4	^{s}8.05	− 2	″16.60	− 7
1	11.33	+11	44.72	+ 5	40.54	+ 5	6.57	0	8.10	0	16.27	− 8
2	11.46	+ 6	45.03	+ 7	40.67	+ 4	6.75	+ 4	8.16	+ 1	15.94	− 8
3	11.58	+ 1	45.34	+ 8	40.80	+ 2	6.93	+ 7	8.22	+ 2	15.61	− 7
4	11.70	− 5	45.65	+ 8	40.93	0	7.12	+10	8.29	+ 3	15.29	− 4
5	11.80	−10	45.96	+ 7	41.05	− 2	7.32	+ 9	8.35	+ 3	14.97	− 1
6	11.90	−14	46.27	+ 4	41.17	− 4	7.51	+ 8	8.42	+ 3	14.65	+ 3
7	11.99	−16	46.58	+ 1	41.29	− 5	7.72	+ 7	8.49	+ 3	14.34	+ 6
8	12.07	−15	46.89	− 3	41.40	− 6	7.92	+ 3	8.56	+ 2	14.03	+ 9
9	12.14	−12	47.20	− 6	41.51	− 5	8.13	0	8.64	0	13.72	+10
10	12.21	− 7	47.51	− 8	41.62	− 4	8.35	− 4	8.72	− 1	13.41	+ 9
11	12.26	0	47.82	− 8	41.73	− 2	8.57	− 6	8.80	− 2	13.11	+ 6
12	12.31	+ 6	48.14	− 6	41.83	+ 1	8.80	− 7	8.89	− 3	12.81	+ 2
13	12.34	+11	48.45	− 3	41.94	+ 3	9.02	− 6	8.98	− 2	12.52	− 3
14	12.37	+13	48.76	+ 2	42.04	+ 5	9.26	− 3	9.07	− 2	12.23	− 7
15	12.38	+12	49.07	+ 6	42.13	+ 5	9.49	0	9.16	0	11.95	−10
16	12.39	+ 7	49.39	+ 8	42.23	+ 4	9.73	+ 4	9.26	+ 1	11.66	−10
17	12.38	+ 2	49.70	+ 9	42.32	+ 3	9.97	+ 7	9.36	+ 2	11.39	− 8
18	12.36	− 4	50.01	+ 8	42.41	0	10.22	+ 8	9.46	+ 2	11.11	− 3
19	12.35	− 8	50.32	+ 4	42.50	− 2	10.47	+ 6	9.56	+ 2	10.84	+ 1
20	12.33	−10	50.63	0	42.58	− 4	10.72	+ 3	9.67	+ 1	10.57	+ 5
21	12.29	− 9	50.94	− 5	42.66	− 4	10.98	− 1	9.78	0	10.31	+ 8
22	12.24	− 5	51.24	− 7	42.74	− 4	11.24	− 5	9.89	− 1	10.05	+ 9
23	12.18	+ 1	51.55	−10	42.81	− 2	11.50	− 8	10.01	− 3	9.79	+ 8
24	12.12	+ 6	51.86	−10	42.88	0	11.76	−10	10.12	− 3	9.54	+ 5
25	12.04	+11	52.17	− 7	42.95	+ 2	12.03	−10	10.24	− 3	9.30	+ 1
26	11.96	+13	52.47	− 4	43.02	+ 4	12.30	− 8	10.36	− 3	9.06	− 3
27	11.87	+14	52.77	0	43.08	+ 5	12.57	− 5	10.48	− 2	8.83	− 6
28	11.77	+12	53.07	+ 4	43.15	+ 5	12.85	− 2	10.61	− 1	8.60	− 8
29	11.66	+ 8	53.37	+ 6	43.20	+ 4	13.13	+ 2	10.73	0	8.38	− 9
30	11.54	+ 3	53.67	+ 8	43.26	+ 3	13.41	+ 6	10.86	+ 2	8.16	− 8
31	11.41	− 3	53.97	+ 9	43.31	+ 1	13.70	+ 8	10.99	+ 3	7.95	− 5
Febr. 1	11.28	− 8	54.26	+ 8	43.36	− 1	13.98	+ 9	11.12	+ 3	7.74	− 2
2	11.14	−13	54.55	+ 5	43.40	− 3	14.27	+ 9	11.25	+ 3	7.54	+ 1
3	10.99	−15	54.84	+ 2	43.44	− 5	14.56	+ 7	11.39	+ 3	7.34	+ 5
4	10.83	−16	55.12	− 1	43.48	− 6	14.85	+ 5	11.52	+ 2	7.15	+ 8
5	10.66	−14	55.41	− 5	43.52	− 6	15.14	+ 1	11.66	+ 1	6.97	+10
6	10.48	−10	55.69	− 7	43.55	− 5	15.44	− 2	11.80	0	6.79	+ 9

sec δ, tg δ									
	87° 10′ 40″	20.310	+20.285	81° 41′ 10″	6.916	+6.843	82° 10′ 10″	7.340	+7.271
	50	20.330	+20.305	20	6.918	+6.845	20	7.342	+7.274

1918	δ Ursae minoris 4ᵐ.3				λ Ursae minoris 6ᵐ.8				76 Draconis 6ᵐ.0			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$17^h 58^m$ s	in s 0.01	+86° 36′ ″	in ″ 0.01	$18^h 59^m$ s	in s 0.01	+89° 1′ ″	in ″ 0.01	$20^h 48^m$ s	in s 0.01	+82° 13′ ″	in ″ 0.01
Jan. 0	12.25	− 7	48.04	− 5	43.94	−35	12.09	0	26.65	− 3	59.34	+ 6
1	12.26	− 4	47.71	− 7	43.58	−31	11.77	− 3	26.55	− 3	59.09	+ 1
2	12.27	− 1	47.37	− 8	43.25	−23	11.45	− 6	26.45	− 3	58.83	− 3
3	12.29	+ 3	47.04	− 8	42.94	−10	11.13	− 8	26.35	− 3	58.57	− 6
4	12.32	+ 6	46.71	− 6	42.66	+ 3	10.81	− 9	26.26	− 2	58.31	− 8
5	12.36	+ 9	46.38	− 4	42.40 / 42.17	+17 / +29	10.50 / 10.18	− 8 / − 6	26.17	− 1	58.04	− 9
6	12.41	+10	46.05	0	41.96	+37	9.86	− 2	26.08	+ 1	57.77	− 9
7	12.46	+10	45.72	+ 4	41.78	+39	9.54	+ 1	26.00	+ 2	57.50	− 7
8	12.52	+ 8	45.39	+ 7	41.62	+36	9.21	+ 5	25.91	+ 3	57.22	− 4
9	12.59	+ 5	45.07	+ 9	41.49	+25	8.89	+ 7	25.83	+ 4	56.94	0
10	12.66	+ 1	44.74	+ 9	41.38	+11	8.57	+ 8	25.75	+ 4	56.66	+ 4
11	12.74	− 3	44.42	+ 7	41.30	− 6	8.25	+ 7	25.68	+ 3	56.37	+ 7
12	12.83	− 6	44.10	+ 3	41.25	−21	7.92	+ 5	25.61	+ 1	56.08	+ 8
13	12.93	− 8	43.78	− 1	41.23	−30	7.60	+ 1	25.54	0	55.79	+ 7
14	13.03	− 7	43.47	− 6	41.23	−32	7.27	− 4	25.48	− 2	55.49	+ 4
15	13.14	− 5	43.15	− 9	41.25	−26	6.95	− 7	25.42	− 3	55.19	0
16	13.26	− 1	42.84	−10	41.30	−13	6.63	− 9	25.36	− 4	54.89	− 4
17	13.38	+ 3	42.53	− 9	41.38	+ 1	6.31	− 9	25.30	− 3	54.59	− 7
18	13.51	+ 5	42.22	− 5	41.48	+15	5.99	− 6	25.25	− 2	54.28	− 8
19	13.65	+ 6	41.91	− 1	41.61	+24	5.67	− 2	25.19	0	53.98	− 7
20	13.79	+ 6	41.61	+ 4	41.76	+25	5.35	+ 2	25.15	+ 1	53.66	− 5
21	13.94	+ 3	41.31	+ 8	41.94	+19	5.03	+ 7	25.10	+ 3	53.35	0
22	14.10	− 1	41.01	+10	42.14	+ 8	4.71	+ 9	25.06	+ 3	53.03	+ 4
23	14.26	− 4	40.72	+ 9	42.37	− 7	4.40	+10	25.02	+ 3	52.72	+ 8
24	14.43	− 7	40.43	+ 7	42.62	−20	4.09	+ 9	24.99	+ 2	52.40	+10
25	14.61	− 9	40.14	+ 4	42.90	−30	3.78	+ 6	24.96	+ 1	52.08	+10
26	14.80	− 9	39.86	0	43.20	−34	3.47	+ 2	24.93	− 1	51.76	+ 9
27	14.99	− 8	39.58	− 4	43.53	−33	3.16	− 2	24.91	− 2	51.44	+ 6
28	15.18	− 5	39.30	− 7	43.88	−27	2.85	− 5	24.88	− 3	51.12	+ 2
29	15.39	− 2	39.03	− 8	44.26	−16	2.55	− 7	24.86	− 3	50.80	− 2
30	15.60	+ 2	38.76	− 8	44.66	− 2	2.25	− 9	24.84	− 3	50.47	− 5
31	15.82	+ 5	38.49	− 7	45.08	+12	1.95	− 8	24.83	− 2	50.15	− 8
Febr. 1	16.04	+ 8	38.23	− 5	45.53	+25	1.65	− 7	24.81	− 1	49.83	− 9
2	16.26	+10	37.98	− 1	46.00	+35	1.35	− 4	24.80 / 24.79	0 / + 2	49.50 / 49.18	− 9 / − 8
3	16.49	+10	37.72	+ 2	46.50	+40	1.06	0	24.79	+ 3	48.85	− 5
4	16.73	+ 9	37.48	+ 6	47.02	+39	0.77	+ 3	24.79	+ 4	48.53	− 2
5	16.97	+ 7	37.23	+ 8	47.56	+32	0.48	+ 6	24.80	+ 4	48.20	+ 2
6	17.22	+ 3	36.99	+ 9	48.13	+19	0.20	+ 8	24.81	+ 4	47.88	+ 5
sec δ, tg δ	86° 36′ 40″	16.917	+16.887		89° 1′ 0″	58.270	+58.261		82° 13′ 50″	7.397	+7.329	
	50	16.931	+16.901		10	58.435	+58.426		60	7.400	+7.332	

1918	43 Hev. Cephei 4ᵐ.3				α Ursae minoris 2ᵐ.0				Gr. 750 6ᵐ.8			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$0^h 57^m$	in s 0.01	+85° 49′	in ″ 0.01	$1^h 30^m$	in s 0.01	+88° 52′	in ″ 0.01	$4^h 10^m$	in s 0.01	+85° 20′	in ″ 0.01
Febr. 6	11.56	+ 6	30.11	− 7	31.31	+20	28.67	− 9	33.47	− 1	41.41	−10
7	11.32	+ 8	29.96	− 4	30.30	+26	28.56	− 5	33.24	+ 2	41.51	− 8
8	11.07	+ 7	29.80	+ 1	29.30	+26	28.44	0	33.00	+ 5	41.61	− 5
9	10.83	+ 6	29.63	+ 5	28.32	+20	28.32	+ 4	32.76	+ 6	41.70	0
10	10.59	+ 2	29.46	+ 7	27.34	+ 8	28.19	+ 7	32.52	+ 6	41.78	+ 4
11	10.36	− 2	29.28	+ 8	26.37	− 7	28.06	+ 8	32.27	+ 4	41.86	+ 8
12	10.12	− 6	29.10	+ 7	25.41	−20	27.92	+ 8	32.03	0	41.93	+10
13	9.90	− 8	28.92	+ 4	24.46	−29	27.78	+ 5	31.78	− 3	41.99	+ 9
14	9.67	− 8	28.72	0	23.52	−30	27.63	+ 1	31.53	− 5	42.05	+ 6
15	9.45	− 7	28.53	− 4	22.59	−25	27.48	− 3	31.29	− 7	42.11	+ 2
16	9.23	− 3	28.33	− 6	21.67	−12	27.32	− 6	31.04	− 6	42.15	− 2
17	9.02	+ 1	28.12	− 6	20.76	+ 3	27.15	− 6	30.79	− 3	42.20	− 6
18	8.81	+ 5	27.91	− 5	19.86	+19	26.98	− 5	30.55	+ 1	42.23	− 8
19	8.60	+ 9	27.69	− 2	18.98	+30	26.80	− 3	30.30	+ 5	42.26	− 8
20	8.40	+10	27.47	+ 2	18.11	+36	26.62	+ 1	30.05	+ 8	42.28	− 6
21	8.20	+ 9	27.24	+ 6	17.26	+34	26.43	+ 5	29.80	+10	42.29	− 2
22	8.00	+ 7	27.01	+ 9	16.41	+26	26.23	+ 8	29.54	+10	42.30	+ 1
23	7.81	+ 4	26.78	+10	15.57	+14	26.03	+ 9	29.29	+ 8	42.30	+ 5
24	7.62	0	26.54	+ 9	14.75	+ 1	25.83	+10	29.04	+ 6	42.30	+ 8
25	7.44	− 3	26.30	+ 8	13.95	−12	25.62	+ 8	28.79	+ 3	42.29	+ 9
26	7.26	− 6	26.05	+ 5	13.16	−22	25.41	+ 6	28.53	− 1	42.27	+ 8
27	7.09	− 8	25.80	+ 1	12.37	−28	25.20	+ 2	28.28	− 4	42.25	+ 7
28	6.92	− 8	25.54	− 3	11.61	−29	24.98	− 2	28.02	− 7	42.22	+ 4
März 1	6.75	− 7	25.28	− 6	10.87	−26	24.75	− 5	27.77	− 9	42.19	0
2	6.59	− 5	25.02	− 9	10.14	−19	24.52	− 8	27.52	− 9	42.15	− 3
3	6.43	− 2	24.75	−11	9.43	− 9	24.28	−10	27.27	− 7	42.10	− 7
4	6.28	+ 1	24.48	−11	8.74	+ 4	24.04	−11	27.01	− 4	42.05	− 9
5	6.14	+ 4	24.21	− 9	8.06	+15	23.80	−10	26.76	− 2	41.99	−10
6	6.00	+ 7	23.93	− 6	7.40	+23	23.55	− 7	26.52	+ 1	41.92	− 9
7	5.86	+ 7	23.66	− 2	6.76	+26	23.30	− 3	26.27	+ 4	41.85	− 6
8	5.73	+ 6	23.38	+ 2	6.13	+22	23.04	+ 2	26.02	+ 5	41.78	− 2
9	5.61	+ 3	23.09	+ 6	5.51	+12	22.78	+ 5	25.78	+ 6	41.69	+ 2
10	5.49	− 1	22.81	+ 7	4.92	− 2	22.52	+ 7	25.53	+ 4	41.60	+ 6
11	5.37	− 5	22.52	+ 7	4.34	−16	22.25	+ 7	25.29	+ 1	41.51	+ 9
12	5.26	− 7	22.23	+ 4	3.78	−27	21.98	+ 5	25.05	− 2	41.41	+ 9
13	5.16	− 9	21.94	+ 1	3.24	−32	21.71	+ 2	24.81	− 5	41.30	+ 7
14	5.06	− 8	21.64	− 3	2.72	−28	21.43	− 2	24.57	− 7	41.19	+ 3
15	4.97	− 5	21.34	− 5	2.22	−18	21.15	− 4	24.34	− 7	41.07	− 1
sec δ, tg δ	85° 49′ 20″	13.727	+13.690		88° 52′ 20″	50.807	+50.798		85° 20′ 40″	12.321	+12.280	
	30	13.736	+13.699		30	50.933	+50.923		50	12.328	+12.287	

1918	51 Hev. Cephei $5^m.2$				1 Hev. Draconis $4^m.3$				ε Ursae minoris $4^m.2$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$7^h 2^m$	in 0.01 s	+87° 10′	in 0.01″	$9^h 25^m$	in 0.01 s	+81° 41′	in 0.01″	$16^h 54^m$	in 0.01 s	+82° 10′	in 0.01″
	s		″		s		″		s		″	
Febr. 6	70.48	−10	55.69	− 7	43.55	− 5	15.44	− 2	11.80	0	6.79	+ 9
7	70.30	− 4	55.96	− 8	43.59	− 3	15.73	− 5	11.94	− 1	6.62	+ 7
8	70.11	+ 2	56.24	− 7	43.61	− 1	16.02	− 7	12.08	− 2	6.45	+ 4
9	69.91	+ 8	56.51	− 4	43.64	+ 2	16.32	− 6	12.23	− 2	6.29	− 1
10	69.70	+11	56.78	0	43.66	+ 4	16.62	− 4	12.38	− 2	6.14	− 5
11	69.49	+12	57.04	+ 4	43.68	+ 5	16.92	− 1	12.52	− 1	5.99	− 9
12	69.26	+ 9	57.31	+ 7	43.69	+ 5	17.22	+ 3	12.67	0	5.85	−10
13	69.03	+ 4	57.56	+10	43.70	+ 3	17.52	+ 6	12.82	+ 2	5.72	− 8
14	68.79	− 2	57.82	+ 9	43.71	+ 1	17.82	+ 7	12.97	+ 2	5.59	− 5
15	68.55	− 7	58.07	+ 6	43.71	− 1	18.12	+ 7	13.12	+ 2	5.46	− 1
16	68.29	− 8	58.32	+ 2	43.72	− 3	18.42	+ 4	13.28	+ 2	5.35	+ 3
17	68.03	− 9	58.56	− 3	43.72	− 4	18.72	+ 1	13.43	0	5.23	+ 7
18	67.77	− 6	58.80	− 7	43.72	− 4	19.02	− 4	13.58	− 1	5.13	+ 9
19	67.49	− 1	59.04	−10	43.71	− 3	19.32	− 8	13.74	− 2	5.03	+ 8
20	67.21	+ 5	59.27	−11	43.70	− 1	19.62	−10	13.90	− 3	4.94	+ 6
21	66.92	+10	59.49	− 8	43.69	+ 2	19.92	−10	14.06	− 4	4.85	+ 2
22	66.62	+13	59.72	− 5	43.67	+ 4	20.23	− 9	14.21	− 3	4.77	− 1
23	66.32	+15	59.93	− 2	43.65	+ 5	20.53	− 7	14.37	− 3	4.70	− 5
24	66.02	+14	60.15	+ 2	43.63	+ 5	20.82	− 3	14.53	− 2	4.63	− 7
25	65.71	+10	60.36	+ 5	43.60	+ 5	21.12	+ 1	14.69	0	4.57	− 8
26	65.39	+ 6	60.57	+ 7	43.58	+ 4	21.42	+ 4	14.85	+ 1	4.52	− 8
27	65.07	0	60.77	+ 8	43.55	+ 2	21.71	+ 7	15.01	+ 2	4.47	− 6
28	64.74	− 5	60.96	+ 8	43.52	0	22.01	+ 9	15.17	+ 3	4.43	− 4
März 1	64.40	−11	61.14	+ 6	43.48	− 2	22.30	+ 9	15.33	+ 3	4.40	0
2	64.06	−14	61.32	+ 3	43.44	− 4	22.59	+ 8	15.49	+ 3	4.37	+ 4
3	63.71	−16	61.50	0	43.40	− 5	22.88	+ 6	15.65	+ 3	4.36	+ 7
4	63.36	−15	61.68	− 3	43.35	− 6	23.16	+ 3	15.81	+ 2	4.34	+ 9
5	63.01	−12	61.85	− 6	43.30	− 5	23.45	− 1	15.97	0	4.34	+10
6	62.65	− 7	62.01	− 8	43.25	− 4	23.73	− 4	16.13	− 1	4.34	+ 8
7	62.29	− 1	62.17	− 7	43.20	− 2	24.01	− 6	16.30	− 2	4.35	+ 5
8	61.92	+ 5	62.32	− 5	43.14	+ 1	24.29	− 6	16.46	− 2	4.36	+ 1
9	61.55	+ 9	62.47	− 2	43.09	+ 3	24.56	− 5	16.62	− 2	4.39	− 3
10	61.17	+11	62.61	+ 3	43.02	+ 4	24.84	− 2	16.78	− 1	4.41	− 7
11	60.79	+ 9	62.75	+ 6	42.96	+ 5	25.11	+ 2	16.94	0	4.45	−10
12	60.40	+ 5	62.88	+ 9	42.89	+ 4	25.38	+ 5	17.10	+ 1	4.49	− 9
13	60.01	0	63.01	+ 9	42.83	+ 2	25.64	+ 7	17.26	+ 2	4.54	− 7
14	59.62	− 5	63.13	+ 7	42.75	0	25.90	+ 8	17.42	+ 2	4.60	− 3
15	59.23	− 9	63.24	+ 4	42.68	− 2	26.16	+ 6	17.58	+ 2	4.66	+ 2
sec δ, tg δ	87° 10′ 50″	20.330	+20.305		81° 41′ 20″	6.918	+6.845		82° 10′ 0″	7.337	+7.269	
	60	20.350	+20.325		30	6.920	+6.848		10	7.340	+7.271	

1918	δ Ursae minoris 4ᵐ.3				λ Ursae minoris 6ᵐ.8				76 Draconis 6ᵐ.0			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$17^h 58^m$	in 0.01^s	$+86° 36'$	in $0.01''$	$18^h 59^m$	in 0.01^s	$+89° 0'$	in $0.01''$	$20^h 48^m$	in 0.01^s	$+82° 13'$	in $0.01''$
Febr. 6	$17^s.22$	+ 3	$36''.99$	+ 9	$48^s.13$	+19	$60''.20$	+ 8	$24^s.81$	+ 4	$47''.88$	+ 5
7	17.47	− 1	36.76	+ 8	48.72	+ 3	59.92	+ 8	24.82	+ 2	47.55	+ 7
8	17.73	− 4	36.53	+ 5	49.33	−13	59.64	+ 6	24.84	0	47.22	+ 7
9	17.99	− 7	36.30	+ 1	49.96	−25	59.37	+ 2	24.86	− 1	46.89	+ 5
10	18.26	− 7	36.08	− 4	50.61	−30	59.10	− 2	24.88	− 3	46.57	+ 2
11	18.53	− 5	35.87	− 8	51.29	−28	58.83	− 6	24.91	− 4	46.25	− 2
12	18.81	− 2	35.66	− 9	51.99	−18	58.57	− 8	24.94	− 4	45.92	− 6
13	19.09	+ 1	35.45	− 9	52.70	− 4	58.31	− 9	24.97	− 3	45.60	− 8
14	19.38	+ 4	35.25	− 7	53.43	+ 9	58.06	− 7	25.00	− 1	45.29	− 8
15	19.67	+ 6	35.06	− 3	54.18	+20	57.81	− 4	25.04	+ 1	44.97	− 6
16	19.97	+ 6	34.87	+ 2	54.96	+24	57.56	+ 1	25.08	+ 2	44.65	− 2
17	20.27	+ 4	34.68	+ 6	55.76	+20	57.31	+ 5	25.12	+ 3	44.34	+ 2
18	20.57	0	34.50	+ 9	56.57	+10	57.07	+ 9	25.16	+ 3	44.02	+ 7
19	20.88	− 3	34.33	+ 9	57.40	− 3	56.84	+10	25.21	+ 2	43.71	+10
20	21.19	− 7	34.16	+ 8	58.25	−17	56.61	+ 9	25.26	+ 1	43.40	+11
21	21.51	− 9	34.00	+ 5	59.12	−29	56.38	+ 7	25.32	0	43.09	+10
22	21.83	−10	33.85	+ 1	60.01	−35	56.16	+ 4	25.37	− 2	42.78	+ 7
23	22.15	− 9	33.70	− 3	60.91	−36	55.94	0	25.43	− 3	42.48	+ 4
24	22.48	− 7	33.55	− 6	61.83	−31	55.73	− 4	25.50	− 3	42.18	0
25	22.81	− 4	33.41	− 8	62.77	−21	55.52	− 7	25.56	− 3	41.88	− 4
26	23.14	0	33.28	− 8	63.72	− 9	55.32	− 8	25.63	− 3	41.59	− 6
27	23.48	+ 4	33.15	− 8	64.69	+ 6	55.12	− 8	25.70	− 2	41.30	− 8
28	23.82	+ 7	33.03	− 6	65.68	+19	54.93	− 7	25.77	0	41.01	− 9
März 1	24.16	+ 9	32.92	− 3	66.68	+31	54.74	− 5	25.85	+ 1	40.72	− 8
2	24.50	+10	32.81	+ 1	67.69	+38	54.56	− 2	25.93	+ 3	40.44	− 6
3	24.85	+10	32.71	+ 4	68.72	+40	54.39	+ 1	26.01	+ 4	40.16	− 3
4	25.19	+ 8	32.62	+ 7	69.76	+36	54.22	+ 5	26.10	+ 4	39.89	0
5	25.54	+ 5	32.53	+ 9	70.82	+26	54.05	+ 7	26.19	+ 4	39.61	+ 4
6	25.89	+ 1	32.45	+ 8	71.88	+11	53.89	+ 8	26.28	+ 3	39.35	+ 6
7	26.24	− 3	32.37	+ 6	72.96	− 4	53.74	+ 7	26.37	+ 1	39.08	+ 7
8	26.60	− 5	32.30	+ 3	74.04	−17	53.59	+ 4	26.47	0	38.82	+ 6
9	26.95	− 6	32.23	− 2	75.14	−26	53.44	0	26.56	− 2	38.56	+ 3
10	27.31	− 5	32.17	− 6	76.26	−26	53.30	− 5	26.67	− 3	38.31	− 1
11	27.67	− 3	32.12	− 9	77.38	−20	53.17	− 8	26.77	− 4	38.06	− 5
12	28.03	0	32.07	−10	78.51	− 8	53.04	− 9	26.88	− 3	37.81	− 8
13	28.40	+ 4	32.03	− 8	79.65	+ 6	52.92	− 9	26.98	− 1	37.57	− 8
14	28.76	+ 6	32.00	− 4	80.80	+17	52.81	− 6	27.10	0	37.33	− 7
15	29.12	+ 6	31.97	0	81.96	+23	52.70	− 1	27.21	+ 1	37.10	− 4
sec δ, tg δ	86° 36′ 30″	16.903	+16.873		89° 0′ 50″	58.106	+58.097		82° 13′ 40″	7.395	+7.327	
	40	16.917	+16.887		60	58.270	+58.261		50	7.397	+7.329	

1918	43 Hev. Cephei $4^m.3$				α Ursae minoris $2^m.0$				Gr. 750 $6^m.8$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$0^h 57^m$ s	in s 0.01	+85° 49′ ″	in ″ 0.01	$1^h 29^m$ s	in s 0.01	+88° 52′ ″	in ″ 0.01	$4^h 10^m$ s	in s 0.01	+85° 20′ ″	in ″ 0.01
März 15	4.97	− 5	21.34	− 5	62.22	−18	21.15	− 4	24.34	− 7	41.07	− 1
16	4.88	− 1	21.04	− 7	61.74	− 3	20.87	− 6	24.10	− 4	40.94	− 5
17	4.80	+ 4	20.74	− 5	61.28	+13	20.59	− 6	23.87	− 1	40.82	− 7
18	4.72	+ 8	20.44	− 3	60.83	+27	20.30	− 4	23.64	+ 3	40.68	− 8
19	4.65	+10	20.14	+ 1	60.40	+35	20.01	− 1	23.41	+ 7	40.54	− 7
20	4.58	+10	19.83	+ 5	60.00	+36	19.71	+ 4	23.18	+10	40.40	− 4
21	4.52	+ 9	19.52	+ 8	59.61	+31	19.42	+ 7	22.96	+11	40.25	0
22	4.46	+ 6	19.21	+10	59.24	+20	19.12	+ 9	22.74	+10	40.09	+ 4
23	4.41	+ 2	18.90	+10	58.90	+ 7	18.82	+10	22.52	+ 8	39.93	+ 7
24	4.37	− 2	18.59	+ 9	58.57	− 6	18.52	+ 9	22.31	+ 4	39.77	+ 9
25	4.33	− 5	18.28	+ 6	58.26	−18	18.21	+ 7	22.10	0	39.60	+ 9
26	4.30	− 7	17.97	+ 3	57.98	−25	17.91	+ 4	21.89	− 3	39.42	+ 8
27	4.28	− 8	17.66	− 1	57.72	−29	17.60	0	21.69	− 6	39.24	+ 5
28	4.26	− 8	17.34	− 4	57.48	−28	17.30	− 4	21.48	− 8	39.05	+ 2
29	4.24	− 6	17.03	− 8	57.26	−21	16.99	− 7	21.28	− 9	38.86	− 2
30	4.23	− 3	16.72	− 9	57.05	−12	16.68	− 9	21.08	− 8	38.66	− 5
31	4.23	0	16.41	−10	56.87	− 1	16.37	−11	20.89	− 7	38.46	− 8
April 1	4.23	+ 3	16.09	− 9	56.71	+11	16.06	−10	20.70	− 4	38.26	−10
2	4.24	+ 6	15.78	− 7	56.57	+20	15.75	− 8	20.51	0	38.05	−10
3	4.25	+ 7	15.46	− 3	56.45	+25	15.44	− 4	20.33	+ 3	37.84	− 8
4	4.27	+ 7	15.15	+ 1	56.35	+24	15.12	0	20.15	+ 5	37.62	− 4
5	4.29	+ 4	14.84	+ 4	56.27	+16	14.81	+ 4	19.98	+ 5	37.40	0
6	{4.32 4.36	+ 1 − 3	14.52 14.21	+ 6 + 6	56.21	+ 3	14.50	+ 6	19.80	+ 4	37.17	+ 5
7	4.40	− 7	13.91	+ 5	56.18	−11	14.18	+ 7	19.64	+ 2	36.94	+ 8
8	4.45	− 9	13.60	+ 2	56.17	−24	13.86	+ 6	19.47	− 1	36.71	+ 9
9	4.50	− 9	13.29	− 2	56.16	−30	13.54	+ 3	19.31	− 5	36.47	+ 8
10	4.56	− 7	12.98	− 5	56.19	−32	13.23	− 1	19.15	− 7	36.23	+ 5
11	4.63	− 3	12.68	− 7	56.24	−24	12.92	− 4	19.00	− 7	35.98	+ 1
12	4.70	+ 2	12.38	− 7	56.31	−10	12.60	− 7	18.85	− 6	35.73	− 4
13	4.77	+ 6	12.08	− 4	56.40	+ 6	12.29	− 7	18.71	− 3	35.48	− 7
14	4.86	+ 9	11.78	− 1	{56.51 56.64	+22 +33	11.98 11.67	− 5 − 2	18.57	+ 1	35.22	− 8
15	4.94	+10	11.48	+ 3	56.79	+37	11.36	+ 2	18.43	+ 6	34.96	− 8
16	5.03	+ 9	11.18	+ 7	56.96	+34	11.05	+ 6	18.30	+ 9	34.70	− 5
17	5.13	+ 7	10.89	+10	57.16	+25	10.74	+ 9	18.17	+11	34.44	− 1
18	5.23	+ 3	10.60	+11	57.37	+13	10.43	+10	18.05	+10	34.17	+ 3
19	5.34	0	10.31	+10	57.60	− 1	10.12	+10	17.93	+ 9	33.90	+ 6
20	5.45	− 4	10.02	+ 8	57.85	−13	9.81	+ 8	17.82	+ 6	33.63	+ 8
21	5.57	− 6	9.74	+ 5	58.13	−22	9.51	+ 6	17.71	+ 2	33.35	+ 9
sec δ, tg δ	85° 49′ 10″	13.717	+13.681		88° 52′ 10″	50.683	+50.673		85° 20′ 30″	12.313	+12.273	
	20	13.727	+13.690		20	50.807	+50.798		40	12.321	+12.280	

1918	51 Hev. Cephei $5^m.2$				1 Hev. Draconis $4^m.3$				ε Ursae minoris $4^m.2$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$7^h 2^m$	in ^{s} 0.01	+87° 11′	in ″ 0.01	$9^h 25^m$	in ^{s} 0.01	+81° 41′	in ″ 0.01	$16^h 54^m$	in ^{s} 0.01	+82° 10′	in ″ 0.01
März 15	^{s}59.23	− 9	″3.24	+ 4	^{s}42.68	− 2	″26.16	+ 6	^{s}17.58	+ 2	″4.66	+ 2
16	58.83	−10	3.36	− 1	42.60	− 4	26.42	+ 2	17.74	+ 1	4.72	+ 6
17	58.43	− 7	3.47	− 6	42.52	− 4	26.67	− 2	17.90	0	4.79	+ 8
18	58.03	− 3	3.56	− 9	42.44	− 3	26.92	− 6	18.05	− 2	4.87	+ 9
19	57.62	+ 3	3.65	−10	42.36	− 1	27.17	−10	18.20	− 3	4.95	+ 7
20	57.21	+ 9	3.74	−10	42.27	+ 1	27.42	−11	18.36	− 4	5.04	+ 4
21	56.80	+13	3.81	− 7	42.18	+ 3	27.66	−10	18.51	− 4	5.14	0
22	56.39	+15	3.88	− 4	42.09	+ 4	27.90	− 8	18.66	− 3	5.25	− 4
23	55.97	+15	3.95	+ 1	42.00	+ 5	28.13	− 5	18.81	− 2	5.36	− 7
24	55.55	+12	4.00	+ 4	41.90	+ 5	28.36	− 1	18.96	− 1	5.47	− 8
25	55.14	+ 8	4.06	+ 7	41.80	+ 4	28.58	+ 2	19.11	0	5.60	− 9
26	54.72	+ 3	4.11	+ 8	41.70	+ 3	28.80	+ 6	19.26	+ 2	5.73	− 7
27	54.30	− 3	4.15	+ 8	41.60	+ 1	29.02	+ 8	19.41	+ 2	5.86	− 5
28	53.88	− 8	4.19	+ 7	41.50	− 1	29.23	+ 9	19.55	+ 3	6.00	− 2
29	53.46	−12	4.22	+ 4	41.40	− 3	29.44	+ 8	19.69	+ 3	6.15	+ 2
30	53.03	−15	4.24	+ 1	41.29	− 5	29.64	+ 6	19.84	+ 3	6.30	+ 5
31	52.61	−15	4.25	− 2	41.18	− 6	29.84	+ 4	19.98	+ 2	6.46	+ 8
April 1	52.19	−13	4.26	− 5	41.07	− 6	30.03	+ 1	20.12	+ 1	6.62	+10
2	51.77	− 9	4.26	− 7	40.95	− 5	30.22	− 3	20.26	0	6.79	+ 9
3	51.35	− 3	4.26	− 8	40.84	− 3	30.41	− 5	20.39	− 1	6.97	+ 7
4	50.92	+ 2	4.25	− 6	40.73	0	30.59	− 6	20.53	− 2	7.15	+ 3
5	50.49	+ 7	4.25	− 3	40.61	+ 2	30.76	− 5	20.66	− 2	7.33	− 2
6	50.07	+10	4.24	+ 1	40.49	+ 4	30.93	− 3	20.79	− 1	7.52	− 6
7	49.65	+ 9	4.21	+ 5	40.37	+ 4	31.10	+ 1	20.92	0	7.72	− 8
8	49.23	+ 6	4.18	+ 8	40.25	+ 4	31.26	+ 5	21.04	+ 1	7.92	− 9
9	48.81	+ 1	4.14	+10	40.13	+ 2	31.41	+ 7	21.17	+ 2	8.12	− 8
10	48.39	− 4	4.10	+ 9	40.01	0	31.56	+ 8	21.29	+ 3	8.33	− 4
11	47.97	− 9	4.05	+ 5	39.89	− 2	31.70	+ 7	21.41	+ 3	8.55	0
12	47.56	−11	4.00	+ 1	39.76	− 3	31.84	+ 4	21.53	+ 2	8.77	+ 4
13	47.15	− 9	3.94	− 4	39.64	− 4	31.98	0	21.65	0	9.00	+ 8
14	46.74	− 5	3.87	− 8	39.51	− 4	32.11	− 5	21.76	− 1	9.23	+ 9
15	46.32	0	3.80	−10	39.38	− 3	32.23	− 8	21.87	− 3	9.47	+ 8
16	45.91	+ 7	3.72	−10	39.26	0	32.35	−11	21.98	− 3	9.70	+ 5
17	45.50	+12	3.64	− 8	39.13	+ 2	32.46	−11	22.09	− 4	9.95	+ 1
18	45.10	+15	3.55	− 5	38.99	+ 4	32.57	−10	22.20	− 3	10.19	− 2
19	44.70	+16	3.45	− 1	38.86	+ 5	32.67	− 7	22.31	− 3	10.44	− 6
20	44.31	+14	3.35	+ 3	38.73	+ 5	32.77	− 3	22.41	− 1	10.69	− 8
21	43.92	+10	3.24	+ 6	38.60	+ 5	32.86	+ 1	22.51	0	10.95	− 9
sec δ, tg δ	87° 11′ 0″	20.350	+20.325		81° 41′ 20″	6.918	+6.845		82° 10′ 0″	7.337	+7.269	
	10	20.370	+20.345		30	6.920	+6.848		10	7.340	+7.271	

1918	δ Ursae minoris $4^m.3$				λ Ursae minoris $6^m.8$				76 Draconis $6^m.0$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$17^h 58^m$	in s 0.01	+86° 36′	in ″ 0.01	$19^h 0^m$	in s 0.01	+89° 0′	in ″ 0.01	$20^h 48^m$	in s 0.01	+82° 13′	in ″ 0.01
März 15	29.12	+ 6	31.97	0	21.96	+23	52.70	− 1	27.21	+ 1	37.10	− 4
16	29.48	+ 5	31.95	+ 5	23.13	+22	52.60	+ 3	27.32	+ 3	36.88	+ 1
17	29.85	+ 2	31.94	+ 8	24.30	+16	52.50	+ 7	27.44	+ 3	36.65	+ 5
18	30.21	− 2	31.93	+10	25.49	+ 2	52.41	+10	27.56	+ 3	36.44	+ 9
19	30.57	− 6	31.93	+ 9	26.68	−13	52.32	+10	27.67	+ 2	36.22	+11
20	30.93	− 9	31.94	+ 6	27.88	−26	52.24	+ 8	27.80	0	36.01	+11
21	31.29	−10	31.95	+ 3	29.08	−35	52.17	+ 5	27.92	− 1	35.82	+ 9
22	31.65	−10	31.97	− 1	30.28	−38	52.10	+ 2	28.05	− 3	35.63	+ 6
23	32.01	− 8	32.00	− 5	31.49	−35	52.04	− 2	28.18	− 3	35.44	+ 2
24	32.38	− 5	32.03	− 7	32.71	−27	51.99	− 5	28.31	− 4	35.25	− 2
25	32.74	− 2	32.07	− 8	33.93	−15	51.95	− 8	28.44	− 3	35.07	− 5
26	33.09	+ 2	32.12	− 8	35.15	− 1	51.91	− 8	28.58	− 2	34.90	− 8
27	33.45	+ 5	32.17	− 7	36.37	+13	51.87	− 8	28.71	− 1	34.73	− 9
28	33.81	+ 8	32.22	− 4	37.60	+25	51.84	− 6	28.85	0	34.56	− 8
29	34.16	+ 9	32.29	0	38.83	+34	51.82	− 3	28.99	+ 2	34.40	− 7
30	34.52	+10	32.36	+ 3	40.06	+38	51.80	0	29.14	+ 3	34.25	− 4
31	34.87	+ 8	32.43	+ 6	41.29	+36	51.79	+ 4	29.28	+ 4	34.10	− 1
April 1	35.22	+ 6	32.51	+ 8	42.52	+29	51.78	+ 7	29.42	+ 4	33.96	+ 3
2	35.57	+ 2	32.60	+ 8	43.75	+17	51.78	+ 8	29.57	+ 3	33.82	+ 5
3	35.91	− 1	32.69	+ 7	44.98	+ 2	51.79	+ 7	29.72	+ 2	33.69	+ 6
4	36.26	− 4	32.79	+ 4	46.21	−12	51.81	+ 5	29.86	0	33.57	+ 6
5	36.60	− 6	32.90	0	47.44	−22	51.83	+ 1	30.01	− 1	33.45	+ 3
6	36.94	− 5	33.01	− 5	48.66	−25	51.86	− 3	30.16	− 3	33.34	0
7	37.28	− 3	33.12	− 8	49.89	−20	51.90	− 7	30.31	− 3	33.23	− 4
8	37.61	0	33.25	−10	51.11	−10	51.94	− 9	30.46	− 3	33.13	− 7
9	37.95	+ 3	33.38	− 9	52.33	+ 3	51.98	− 9	30.62	− 2	33.04	− 9
10	38.28	+ 6	33.51	− 6	53.54	+16	52.03	− 7	30.77	0	32.95	− 8
11	38.61	+ 7	33.65	− 2	54.75	+24	52.09	− 3	30.93	+ 1	32.87	− 6
12	38.93	+ 6	33.80	+ 3	55.95	+26	52.15	+ 1	31.09	+ 2	32.79	− 2
13	39.25	+ 4	33.95	+ 7	57.15	+20	52.22	+ 6	31.24	+ 3	32.73	+ 3
14	39.57	0	34.11	+ 9	58.35	+ 8	52.29	+ 9	31.40	+ 3	32.66	+ 8
15	39.88	− 4	34.27	+ 9	59.54	− 7	52.37	+10	31.56	+ 2	32.61	+10
16	40.19	− 8	34.44	+ 8	60.72	−22	52.46	+ 9	31.72	+ 1	32.56	+11
17	40.50	−10	34.61	+ 4	61.89	−33	52.56	+ 7	31.88	− 1	32.51	+10
18	40.80	−10	34.79	0	63.06	−39	52.66	+ 3	32.04	− 2	32.47	+ 7
19	41.10	− 9	34.97	− 3	64.23	−38	52.76	− 1	32.20	− 3	32.44	+ 4
20	41.40	− 7	35.16	− 6	65.38	−32	52.87	− 4	32.36	− 4	32.41	0
21	41.69	− 4	35.35	− 8	66.52	−21	52.99	− 7	32.52	− 3	32.39	− 4
sec δ, tg δ	86° 36′ 30″	16.903	+16.873		89° 0′ 50″	58.106	+58.097		82° 13′ 30″	7.392	+7.324	
	40	16.917	+16.887		60	58.270	+58.261		40	7.395	+7.327	

1918	43 Hev. Cephei $4^m.3$				α Ursae minoris $2^m.0$				Gr. 750 $6^m.8$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$0^h 57^m$	in ^{s} 0.01	+85° 49′	in ″ 0.01	$1^h 29^m$	in ^{s} 0.01	+88° 52′	in ″ 0.01	$4^h 10^m$	in ^{s} 0.01	+85° 20′	in ″ 0.01
April 21	5.57	− 6	9.74	+ 5	58.13	−22	9.51	+ 6	17.71	+ 2	33.35	+ 9
22	5.69	− 8	9.46	+ 1	58.43	−27	9.21	+ 2	17.61	− 1	33.08	+ 8
23	5.82	− 8	9.18	− 3	58.74	−27	8.91	− 2	17.51	− 5	32.80	+ 6
24	5.95	− 6	8.90	− 6	59.07	−23	8.61	− 5	17.42	− 7	32.52	+ 3
25	6.09	− 4	8.63	− 9	59.42	−15	8.31	− 8	17.33	− 8	32.23	0
26	6.23	− 1	8.36	−10	59.79	− 4	8.02	−10	17.24	− 8	31.95	− 4
27	6.38	+ 2	8.09	− 9	60.18	+ 7	7.73	−10	17.16	− 7	31.66	− 7
28	6.53	+ 5	7.82	− 7	60.58	+18	7.45	− 8	17.08	− 4	31.37	− 9
29	6.69	+ 7	7.56	− 4	61.01	+24	7.16	− 5	17.01	− 1	31.08	−10
30	6.85	+ 7	7.30	0	61.46	+26	6.88	− 1	16.94	+ 2	30.79	− 8
Mai 1	7.02	+ 6	7.05	+ 3	61.92	+20	6.59	+ 2	16.88	+ 4	30.49	− 6
2	7.19	+ 3	6.80	+ 6	62.40	+ 9	6.31	+ 6	16.82	+ 6	30.20	− 1
3	7.37	− 1	6.55	+ 7	62.91	− 5	6.03	+ 7	16.77	+ 5	29.90	+ 3
4	7.55	− 6	6.31	+ 6	63.43	−20	5.76	+ 6	16.72	+ 3	29.60	+ 7
5	7.74	− 8	6.07	+ 3	63.97	−30	5.49	+ 4	16.68	0	29.30	+ 9
6	7.93	− 9	5.84	− 1	64.52	−33	5.22	0	16.64	− 4	29.00	+ 8
7	8.12	− 8	5.60	− 5	65.09	−29	4.95	− 4	16.61	− 6	28.70	+ 6
8	8.32	− 5	5.38	− 7	65.68	−17	4.69	− 6	16.59	− 8	28.40	+ 2
9	8.52	0	5.15	− 8	66.29	− 2	4.43	− 8	16.57	− 7	28.09	− 2
10	8.73	+ 4	4.93	− 6	66.91	+15	4.18	− 7	16.55	− 5	27.79	− 6
11	8.94	+ 8	4.71	− 3	67.55	+28	3.93	− 4	16.54	− 1	27.49	− 8
12	9.16	+10	4.50	+ 1	68.21	+35	3.68	0	16.53	+ 3	27.18	− 8
13	9.38	+10	4.29	+ 5	68.88	+35	3.43	+ 4	16.52	+ 7	26.88	− 6
14	9.60	+ 8	4.09	+ 9	69.57	+29	3.19	+ 8	16.52	+10	26.57	− 3
15	9.83	+ 5	3.89	+10	70.27	+18	2.95	+10	16.53	+11	26.27	+ 1
16	10.06	+ 1	3.70	+10	70.99	+ 4	2.72	+10	16.54	+10	25.96	+ 5
17	10.29	− 3	3.51	+ 9	71.72	− 9	2.49	+ 9	16.56	+ 7	25.66	+ 8
18	10.53	− 5	3.32	+ 6	72.47	−19	2.27	+ 7	16.58	+ 4	25.35	+ 9
19	10.77	− 7	3.14	+ 3	73.23	−26	2.05	+ 4	16.61	0	25.05	+ 9
20	11.02	− 8	2.97	− 1	74.01	−28	1.83	0	16.64	− 3	24.74	+ 7
21	11.26	− 7	2.80	− 5	74.80	−25	1.62	− 4	16.68	− 6	24.44	+ 5
22	11.52	− 5	2.63	− 8	75.61	−18	1.41	− 7	16.72	− 8	24.13	+ 1
23	11.77	− 2	2.47	− 9	76.43	− 8	1.21	− 9	16.77	− 8	23.83	− 2
24	12.03	+ 1	2.32	− 9	77.26	+ 3	1.01	−10	16.82	− 7	23.53	− 6
25	12.29	+ 4	2.17	− 8	78.10	+14	0.82	− 9	{ 16.88 16.94	− 5 − 2	23.23 22.93	− 8 − 9
26	12.55	+ 7	2.02	− 5	78.96	+23	0.63	− 6	17.01	+ 1	22.63	− 9
27	12.81	+ 7	1.88	− 2	79.84	+26	0.44	− 3	17.08	+ 4	22.33	− 7
28	13.08	+ 7	1.75	+ 2	80.72	+24	0.26	+ 1	17.16	+ 6	22.04	− 3
sec δ, tg δ	85° 49′ 0″	13.708	+13.672		88° 52′ 0″	50.558	+50.548		85° 20′ 20″	12.306	+12.265	
	10	13.717	+13.681		10	50.683	+50.673		30	12.313	+12.273	

1918	51 Hev. Cephei 5m.2				1 Hev. Draconis 4m.3				ε Ursae minoris 4m.2			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	7h 2m	in s 0.01	+87° 10'	in " 0.01	9h 25m	in s 0.01	+81° 41'	in " 0.01	16h 54m	in s 0.01	+82° 10'	in " 0.01
April 21	43.92	+10	63.24	+ 6	38.60	+ 5	32.86	+ 1	22.51	0	10.95	− 9
22	43.53	+ 6	63.13	+ 8	38.46	+ 4	32.95	+ 4	22.61	+ 1	11.21	− 8
23	43.14	0	63.01	+ 8	38.33	+ 2	33.03	+ 7	22.71	+ 2	11.48	− 6
24	42.76	− 6	62.89	+ 7	38.19	0	33.10	+ 8	22.80	+ 3	11.74	− 3
25	42.38	−10	62.76	+ 5	38.06	− 2	33.17	+ 8	22.89	+ 3	12.02	0
26	42.00	−13	62.63	+ 2	37.92	− 4	33.24	+ 7	22.98	+ 3	12.29	+ 4
27	41.63	−15	62.49	− 1	37.79	− 5	33.29	+ 5	23.07	+ 2	12.57	+ 7
28	41.26	−13	62.34	− 4	37.65	− 6	33.35	+ 1	23.15	+ 1	12.85	+ 9
29	40.89	−10	62.19	− 6	37.52	− 5	33.39	− 2	23.23	0	13.14	+ 9
30	40.53	− 5	62.04	− 8	37.38	− 3	33.43	− 4	23.31	− 1	13.43	+ 8
Mai 1	40.17	+ 1	61.88	− 7	37.24	− 1	33.47	− 6	23.39	− 2	13.72	+ 5
2	39.82	+ 5	61.72	− 5	37.10	+ 1	33.50	− 6	23.46	− 2	14.02	0
3	39.47	+ 9	61.55	− 1	36.97	+ 3	33.52	− 4	23.53	− 2	14.31	− 4
4	39.13	+ 9	61.37	+ 3	36.83	+ 4	33.54	− 1	23.59	0	14.61	− 8
5	38.80	+ 7	61.19	+ 7	36.69	+ 4	33.55	+ 3	23.66	+ 1	14.92	− 9
6	38.47	+ 2	61.01	+ 9	36.56	+ 3	33.55	+ 7	23.72	+ 2	15.22	− 8
7	38.14	− 3	60.82	+ 9	36.42	+ 1	33.55	+ 9	23.78	+ 3	15.53	− 6
8	37.82	− 8	60.63	+ 7	36.28	− 1	33.55	+ 9	23.84	+ 3	15.84	− 1
9	37.50	−11	60.43	+ 3	36.14	− 3	33.54	+ 6	23.89	+ 2	16.15	+ 3
10	37.18	−11	60.23	− 2	36.00	− 4	33.52	+ 2	23.94	+ 1	16.47	+ 7
11	36.87	− 8	60.02	− 6	35.87	− 4	33.50	− 2	23.99	0	16.78	+ 9
12	36.57	− 3	59.81	− 9	35.73	− 3	33.47	− 6	24.04	− 2	17.10	+ 9
13	36.28	+ 4	59.60	−10	35.60	− 1	33.44	−10	24.08	− 3	17.42	+ 6
14	35.99	+ 9	59.38	− 9	35.46	+ 1	33.40	−11	24.12	− 4	17.74	+ 3
15	35.70	+14	59.15	− 6	35.33	+ 3	33.36	−10	24.16	− 4	18.06	− 1
16	35.42	+16	58.93	− 3	35.20	+ 5	33.31	− 8	24.19	− 3	18.38	− 5
17	35.15	+15	58.69	+ 1	35.07	+ 5	33.25	− 5	24.23	− 2	18.70	− 7
18	34.88	+12	58.46	+ 4	34.93	+ 5	33.19	− 1	24.26	− 1	19.03	− 9
19	34.62	+ 8	58.22	+ 7	34.80	+ 4	33.12	+ 3	24.29	0	19.36	− 9
20	34.37	+ 2	57.97	+ 8	34.67	+ 3	33.05	+ 6	24.31	+ 2	19.69	− 7
21	34.12	− 3	57.72	+ 8	34.54	0	32.97	+ 8	24.33	+ 2	20.02	− 4
22	33.88	− 8	57.47	+ 6	34.41	− 2	32.88	+ 8	24.35	+ 3	20.35	− 1
23	33.65	−12	57.22	+ 3	34.28	− 3	32.79	+ 7	24.37	+ 3	20.68	+ 3
24	33.42	−14	56.96	0	34.16	− 5	32.70	+ 5	24.38	+ 2	21.01	+ 6
25	33.20	−13	56.70	− 3	34.03	− 5	32.60	+ 2	24.39	+ 1	21.34	+ 8
26	32.99	−11	56.43	− 6	33.91	− 5	32.49	− 1	24.40	0	21.67	+ 9
27	32.78	− 6	56.17	− 8	33.78	− 4	32.38	− 4	24.40	− 1	22.00	+ 8
28	32.58	− 1	55.89	− 8	33.66	− 2	32.27	− 6	24.40	− 2	22.33	+ 6
sec δ, tg δ	87° 10' 50"		20.330	+20.305	81° 41' 30"		6.920	+6.848	82° 10' 10"		7.340	+7.271
	60		20.350	+20.325	40		6.923	+6.850	20		7.342	+7.274

1918	δ Ursae minoris 4ᵐ.3				λ Ursae minoris 6ᵐ.8				76 Draconis 6ᵐ.0			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	17ʰ 58ᵐ	in ˢ 0.01	+86° 36′	in ″ 0.01	19ʰ 1ᵐ	in ˢ 0.01	+89° 0′	in ″ 0.01	20ʰ 48ᵐ	in ˢ 0.01	+82° 13′	in ″ 0.01
April 21	41.69	− 4	35.35	− 8	6.52	−21	52.99	− 7	32.52	− 3	32.39	− 4
22	41.98	0	35.55	− 8	7.65	− 8	53.11	− 8	32.69	− 3	32.37	− 6
23	42.26	+ 4	35.76	− 7	8.78	+ 6	53.23	− 8	32.85	− 1	32.37	− 8
24	42.54	+ 7	35.96	− 5	9.90	+19	53.36	− 6	33.02	0	32.37	− 8
25	42.81	+ 8	36.18	− 2	11.00	+30	53.50	− 4	33.18	+ 1	32.37	− 7
26	43.08	+ 9	36.39	+ 2	12.09	+35	53.64	− 1	33.34	+ 3	32.38	− 5
27	43.34	+ 8	36.61	+ 5	13.18	+36	53.79	+ 3	33.50	+ 4	32.40	− 2
28	43.60	+ 6	36.84	+ 7	14.26	+31	53.94	+ 6	33.67	+ 4	32.43	+ 2
29	43.86	+ 3	37.07	+ 9	15.32	+20	54.10	+ 7	33.83	+ 3	32.46	+ 5
30	44.11	0	37.30	+ 8	16.37	+ 6	54.27	+ 8	33.99	+ 2	32.50	+ 6
Mai 1	44.35	− 3	37.54	+ 6	17.41	− 8	54.44	+ 6	34.15	+ 1	32.54	+ 7
2	44.59	− 5	37.78	+ 2	18.43	−19	54.62	+ 3	34.31	− 1	32.59	+ 5
3	44.83	− 6	38.03	− 3	19.44	−24	54.80	− 1	34.47	− 2	32.65	+ 2
4	45.06	− 4	38.28	− 7	20.45	−22	54.98	− 5	34.63	− 3	32.71	− 2
5	45.28	− 1	38.54	− 9	21.43	−14	55.17	− 9	34.79	− 3	32.78	− 6
6	45.50	+ 2	38.79	− 9	22.40	− 1	55.36	−10	34.95	− 2	32.86	− 9
7	45.72	+ 5	39.06	− 7	23.36	+13	55.56	− 8	35.11	− 1	32.94	− 9
8	45.93	+ 7	39.32	− 4	24.31	+24	55.77	− 5	35.27	+ 1	33.02	− 8
9	46.13	+ 7	39.59	+ 1	25.24	+29	55.98	− 1	35.43	+ 2	33.11	− 4
10	46.33	+ 5	39.86	+ 5	26.15	+25	56.19	+ 4	35.59	+ 3	33.21	+ 1
11	46.52	+ 2	40.14	+ 8	27.05	+16	56.41	+ 8	35.75	+ 3	33.31	+ 5
12	46.71	− 2	40.42	+10	27.93	+ 1	56.63	+10	35.91	+ 3	33.42	+ 9
13	46.89	− 6	40.70	+ 8	28.80	−15	56.86	+10	36.06	+ 1	33.54	+11
14	47.06	− 9	40.98	+ 6	29.65	−28	57.09	+ 8	36.22	0	33.66	+11
15	47.23	−10	41.27	+ 2	30.48	−37	57.32	+ 5	36.37	− 2	33.78	+ 8
16	47.40	−10	41.56	− 2	31.30	−39	57.56	+ 1	36.53	− 3	33.91	+ 5
17	47.55	− 8	41.85	− 5	32.09	−35	57.80	− 3	36.68	− 4	34.05	+ 1
18	47.71	− 5	42.15	− 7	32.87	−26	58.05	− 6	36.83	− 4	34.19	− 3
19	47.85	− 1	42.45	− 8	33.64	−13	58.31	− 8	36.98	− 3	34.34	− 6
20	47.99	+ 2	42.75	− 8	34.39	0	58.56	− 8	37.13	− 2	34.50	− 7
21	48.12	+ 5	43.06	− 6	35.12	+14	58.82	− 7	37.28	− 1	34.66	− 8
22	48.25	+ 8	43.36	− 3	35.83	+25	59.08	− 5	37.43	+ 1	34.83	− 7
23	48.37	+ 9	43.67	0	36.52	+33	59.34	− 2	37.58	+ 2	35.00	− 6
24	48.48	+ 8	43.98	+ 4	37.20	+35	59.61	+ 2	37.72	+ 3	35.18	− 3
25	48.59	+ 7	44.29	+ 7	37.86	+32	59.88	+ 5	37.86	+ 4	35.36	+ 1
26	48.70	+ 4	44.60	+ 8	38.50	+23	60.15	+ 7	38.00	+ 4	35.55	+ 4
27	48.79	+ 1	44.92	+ 9	39.11	+10	60.43	+ 8	38.14	+ 3	35.74	+ 6
28	48.88	− 3	45.23	+ 7	39.71	− 4	60.71	+ 7	38.28	+ 1	35.94	+ 7
sec δ, tg δ	86° 36′ 40″		16.917	+16.887	89° 0′ 50″		58.106	+58.097	82° 13′ 30″		7.392	+7.324
	50		16.931	+16.901	60		58.270	+58.261	40		7.395	+7.327

1918	43 Hev. Cephei 4m.3				α Ursae minoris 2m.0				Gr. 750 6m.8			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	0h 57m	in s 0.01	+85° 49′	in ″ 0.01	1h 30m	in s 0.01	+88° 51′	in ″ 0.01	4h 10m	in s 0.01	+85° 20′	in ″ 0.01
Mai 28	s 13.08	+ 7	″ 1.75	+ 2	s 20.72	+24	″ 60.26	+ 1	s 17.16	+ 6	″ 22.04	− 3
29	13.35	+ 4	1.62	+ 5	21.61	+15	60.08	+ 5	17.24	+ 6	21.74	+ 1
30	13.63	0	1.50	+ 7	22.51	+ 2	59.91	+ 7	17.33	+ 4	21.45	+ 5
31	13.90	− 4	1.38	+ 7	23.43	−13	59.74	+ 7	17.42	+ 2	21.15	+ 8
Juni 1	14.18	− 7	1.26	+ 4	24.36	−25	59.58	+ 5	17.51	− 2	20.87	+ 9
2	14.46	− 9	1.15	+ 1	25.30	−32	59.42	+ 2	17.61	− 5	20.58	+ 7
3	14.75	− 9	1.05	− 3	26.25	−31	59.27	− 2	17.72	− 8	20.29	+ 4
4	15.03	− 7	0.95	− 7	27.21	−23	59.12	− 6	17.82	− 8	20.01	− 1
5	15.32	− 3	0.86	− 8	28.18	− 9	58.98	− 8	17.94	− 7	19.73	− 5
6	15.61	+ 2	0.77	− 8	29.17	+ 7	58.84	− 8	18.05	− 3	19.44	− 8
7	15.90	+ 6	0.69	− 5	30.16	+22	58.71	− 6	18.17	+ 1	19.17	− 9
8	16.19	+ 9	0.61	− 1	31.16	+32	58.58	− 2	18.30	+ 5	18.89	− 8
9	16.49	+10	0.54	+ 3	32.17	+35	58.46	+ 2	18.43	+ 8	18.62	− 5
10	16.79	+ 9	0.48	+ 7	33.19	+31	58.34	+ 6	18.57	+10	18.34	− 1
11	17.08	+ 6	0.42	+ 9	34.22	+22	58.23	+ 9	18.71	+10	18.08	+ 3
12	17.38	+ 2	0.36	+10	35.26	+ 8	58.12	+10	18.85	+ 8	17.81	+ 7
13	17.69	− 1	0.32	+ 9	36.30	− 4	58.02	+10	19.00	+ 5	17.55	+ 9
14	17.99	− 5	0.27	+ 7	37.35	−16	57.92	+ 8	19.15	+ 1	17.29	+ 9
15	18.29	− 7	0.23	+ 4	38.41	−24	57.83	+ 5	19.31	− 2	17.03	+ 8
16	18.60	− 8	0.20	0	39.47	−28	57.75	+ 1	19.47	− 5	16.77	+ 6
17	18.90	− 7	0.17	− 4	40.54	−27	57.67	− 3	19.64	− 7	16.52	+ 3
18	19.21	− 6	0.15	− 7	41.62	−21	57.59	− 6	19.81	− 8	16.27	− 1
19	19.52	− 3	0.13	− 9	42.70	−13	57.52	− 8	19.98	− 8	16.02	− 5
20	19.83	0	0.12	− 9	43.79	− 1	57.46	−10	20.16	− 6	15.77	− 7
21	20.14	+ 3	0.12	− 9	44.89	+10	57.40	− 9	20.34	− 3	15.53	− 9
22	20.45	+ 6	0.12	− 6	46.00	+20	57.34	− 7	20.53	0	15.29	− 9
23	20.76	+ 7	0.12	− 3	47.10	+26	57.29	− 4	20.72	+ 3	15.06	− 8
24	21.07	+ 7	0.13	+ 1	48.21	+26	57.25	0	20.91	+ 5	14.82	− 5
25	21.38	+ 6	0.15	+ 4	49.33	+20	57.22	+ 4	21.10	+ 6	14.60	0
26	21.70	+ 2	0.17	+ 7	50.45	+ 8	57.19	+ 7	21.30	+ 6	14.37	+ 4
27	22.01	− 2	0.20	+ 7	51.57	− 6	57.16	+ 8	21.50	+ 3	14.15	+ 7
28	22.32	− 6	0.24	+ 6	52.69	−20	57.14	+ 7	21.71	0	13.93	+ 9
29	22.63	− 9	0.28	+ 2	53.82	−30	57.12	+ 4	21.92	− 4	13.71	+ 8
30	22.95	− 9	0.33	− 1	54.95	−32	57.11	0	22.13	− 7	13.50	+ 6
Juli 1	23.26	− 7	0.38	− 5	56.09	−27	57.11	− 4	22.35	− 8	13.29	+ 2
2	23.57	− 4	0.44	− 7	57.23	−15	57.10	− 7	22.57	− 7	13.09	− 3
3	23.89	0	0.51	− 8	58.37	+ 1	57.11	− 8	22.79	− 5	12.89	− 7
4	24.20	+ 5	0.57	− 6	59.51	+16	57.12	− 7	23.02	− 1	12.69	− 9
sec δ, tg δ	85° 49′ 0″	13.708	+13.672		88° 51′ 50″	50.435	+50.425		85° 20′ 10″	12.298	+12.258	
	10	13.717	+13.681		60	50.558	+50.548		20	12.306	+12.265	

1918	51 Hev. Cephei $5^m.2$				1 Hev. Draconis $4^m.3$				ε Ursae minoris $4^m.2$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$7^h\ 2^m$	in s 0.01	+87° 10′	in ″ 0.01	$9^h\ 25^m$	in s 0.01	+81° 41′	in ″ 0.01	$16^h\ 54^m$	in s 0.01	+82° 10′	in ″ 0.01
Mai 28	32.58	− 1	55.89	− 8	33.66	− 2	32.27	− 6	24.40	− 2	22.33	+ 6
29	32.39	+ 4	55.62	− 6	33.54	0	32.15	− 7	24.40	− 2	22.66	+ 2
30	32.20	+ 8	55.34	− 3	33.42	+ 3	32.02	− 5	24.40	− 2	22.99	− 3
31	32.02	+10	55.06	+ 2	33.30	+ 4	31.89	− 2	24.39	− 1	23.32	− 6
Juni 1	31.84	+ 9	54.78	+ 6	33.18	+ 4	31.75	+ 1	24.38	0	23.65	− 9
2	31.68	+ 5	54.50	+ 9	33.07	+ 4	31.61	+ 5	24.37	+ 1	23.98	− 9
3	31.52	− 1	54.21	+10	32.95	+ 2	31.47	+ 8	24.35	+ 2	24.31	− 7
4	31.37	− 6	53.92	+ 8	32.84	− 1	31.32	+ 9	24.33	+ 3	24.64	− 3
5	31.22	−10	53.63	+ 5	32.72	− 3	31.16	+ 8	24.31	+ 3	24.97	+ 1
6	31.08	−12	53.34	0	32.61	− 4	31.00	+ 5	24.29	+ 2	25.30	+ 5
7	30.95	−10	53.04	− 4	32.50	− 5	30.84	0	24.26	0	25.62	+ 8
8	30.83	− 6	52.74	− 8	32.39	− 4	30.67	− 4	24.23	− 1	25.95	+ 9
9	30.72	0	52.44	−10	32.28	− 2	30.49	− 8	24.20	− 3	26.28	+ 8
10	30.61	+ 6	52.14	−10	32.17	0	30.31	−10	24.17	− 3	26.61	+ 5
11	30.51	+12	51.83	− 7	32.07	+ 2	30.12	−10	24.13	− 4	26.93	+ 1
12	30.42	+15	51.53	− 4	31.97	+ 4	29.93	− 9	24.09	− 3	27.25	− 3
13	30.33	+15	51.22	0	31.87	+ 5	29.73	− 6	24.04	− 2	27.57	− 7
14	30.26	+13	50.91	+ 4	31.77	+ 5	29.53	− 2	24.00	− 1	27.89	− 8
15	30.19	+ 9	50.60	+ 6	31.67	+ 5	29.33	+ 2	23.95	0	28.20	− 9
16	30.12	+ 4	50.28	+ 8	31.57	+ 3	29.12	+ 5	23.90	+ 1	28.52	− 8
17	30.07	− 1	49.97	+ 8	31.48	+ 1	28.91	+ 7	23.85	+ 2	28.83	− 5
18	30.02	− 7	49.65	+ 7	31.39	− 1	28.69	+ 8	23.79	+ 3	29.14	− 2
19	29.98	−11	49.33	+ 5	31.30	− 3	28.47	+ 8	23.73	+ 3	29.45	+ 1
20	29.95	−13	49.01	+ 2	31.21	− 4	28.24	+ 6	23.67	+ 2	29.76	+ 5
21	29.92	−14	48.69	− 2	31.12	− 5	28.01	+ 4	23.61	+ 2	30.07	+ 8
22	29.91	−12	48.38	− 5	31.04	− 5	27.78	0	23.54	+ 1	30.37	+ 9
23	29.90	− 8	48.06	− 7	30.96	− 4	27.54	− 3	23.47	0	30.67	+ 9
24	29.90	− 3	47.73	− 8	30.88	− 3	27.30	− 5	23.40	− 2	30.97	+ 7
25	29.90	+ 3	47.41	− 7	30.80	0	27.06	− 7	23.33	− 2	31.26	+ 4
26	29.92	+ 7	47.09	− 4	30.72	+ 2	26.81	− 6	23.25	− 2	31.56	− 1
27	29.94	+11	46.76	0	30.64	+ 4	26.56	− 4	23.18	− 2	31.85	− 5
28	29.97	+11	46.44	+ 4	30.57	+ 5	26.31	− 1	23.09	− 1	32.14	− 8
29	30.00	+ 8	46.11	+ 7	30.50	+ 4	26.05	+ 3	23.01	+ 1	32.42	− 9
30	30.04	+ 2	45.79	+ 9	30.43	+ 3	25.79	+ 7	22.92	+ 2	32.70	− 8
Juli 1	30.09	− 3	45.46	+ 9	30.36	+ 1	25.52	+ 9	22.83	+ 3	32.98	− 5
2	30.15	− 8	45.14	+ 6	30.30	− 2	25.25	+ 8	22.74	+ 3	33.26	− 1
3	30.22	−11	44.81	+ 2	30.23	− 4	24.97	+ 6	22.64	+ 2	33.53	+ 4
4	30.29	−11	44.48	− 3	30.17	− 5	24.70	+ 2	22.55	+ 1	33.80	+ 7
sec δ, tg δ	87° 10′ 50″	20.330	+20.305		81° 41′ 20″	6.918	+6.845		82° 10′ 20″	7.342	+7.274	
	60	20.350	+20.325		30	6.920	+6.848		30	7.345	+7.277	

1918		δ Ursae minoris 4^m.3				λ Ursae minoris 6^m.8				76 Draconis 6^m.0			
		AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
		17^h 58^m	in ^{s} 0.01	+86° 36′	in ″ 0.01	19^h 1^m	in ^{s} 0.01	+89° 1′	in ″ 0.01	20^h 48^m	in ^{s} 0.01	+82° 13′	in ″ 0.01
Mai	28	48.88^s	− 3	45.23″	+ 7	39.71^s	− 4	0.71″	+ 7	38.28^s	+ 1	35.94″	+ 7
	29	48.97	− 5	45.54	+ 3	40.29	−17	0.99	+ 5	38.42	0	36.14	+ 6
	30	49.05	− 6	45.86	− 1	40.85	−25	1.28	+ 1	38.55	− 2	36.35	+ 3
	31	49.12	− 5	46.18	− 5	41.39	−24	1.57	− 4	38.68	− 3	36.56	0
Juni	1	49.19	− 3	46.50	− 8	41.91	−19	1.86	− 7	38.82	− 3	36.78	− 4
	2	49.24	+ 1	46.83	−10	42.41	− 7	2.16	− 9	38.95	− 3	37.00	− 8
	3	49.29	+ 4	47.15	− 8	42.89	+ 7	2.46	− 9	39.08	− 2	37.23	− 9
	4	49.34	+ 7	47.48	− 5	43.35	+21	2.76	− 7	39.20	0	37.46	− 8
	5	49.38	+ 8	47.80	− 1	43.79	+29	3.06	− 3	39.33	+ 2	37.69	− 6
	6	49.41	+ 7	48.13	+ 4	44.20	+29	3.37	+ 2	39.45	+ 3	37.93	− 1
	7	49.43	+ 4	48.46	+ 8	44.60	+22	3.68	+ 6	39.57	+ 3	38.17	+ 3
	8	49.45	0	48.79	+ 9	44.98	+ 9	3.99	+ 9	39.69	+ 3	38.42	+ 7
	9	49.46	− 4	49.12	+ 9	45.33	− 7	4.30	+10	39.81	+ 2	38.67	+10
	10	49.46	− 8	49.45	+ 7	45.66	−22	4.61	+ 9	39.93	+ 1	38.93	+11
	11	49.46	−10	49.78	+ 4	45.97	−33	4.92	+ 6	40.04	− 1	39.19	+ 9
	12	49.45	−10	50.11	− 1	46.26	−38	5.24	+ 2	40.15	− 3	39.46	+ 6
	13	49.44	− 9	50.44	− 4	46.53	−37	5.56	− 2	40.26	− 3	39.73	+ 3
	14	49.42	− 6	50.77	− 7	46.78	−29	5.88	− 5	40.37	− 4	40.00	− 1
	15	49.39	− 3	51.10	− 8	47.01	−18	6.20	− 7	40.47	− 3	40.28	− 4
	16	49.36	+ 1	51.43	− 8	47.21	− 5	6.52	− 8	40.58	− 2	40.56	− 7
	17	49.32	+ 4	51.76	− 7	47.39	+ 9	6.84	− 8	40.68	− 1	40.84	− 8
	18	49.28	+ 7	52.09	− 4	47.56	+21	7.17	− 6	40.78	0	41.13	− 8
	19	49.23	+ 8	52.42	− 1	47.70	+31	7.50	− 3	40.88	+ 2	41.42	− 6
	20	49.17	+ 9	52.75	+ 2	47.82	+35	7.83	0	40.98	+ 3	41.72	− 4
	21	49.11	+ 8	53.08	+ 6	47.92	+34	8.16	+ 3	41.07	+ 3	42.02	− 1
	22	49.04	+ 5	53.41	+ 8	48.00	+27	8.49	+ 6	41.16	+ 4	42.32	+ 3
	23	48.96	+ 2	53.73	+ 9	48.05	+15	8.83	+ 7	41.25	+ 3	42.63	+ 5
	24	48.88	− 2	54.06	+ 8	48.08	+ 1	9.16	+ 8	41.34	+ 2	42.94	+ 7
	25	48.79	− 5	54.38	+ 5	48.09	−13	9.49	+ 6	41.42	0	43.25	+ 7
	26	48.69	− 6	54.71	+ 1	48.08	−23	9.82	+ 2	41.50	− 1	43.56	+ 5
	27	48.59	− 6	55.03	− 3	48.04	−28	10.16	− 2	41.59	− 3	43.88	+ 1
	28	48.48	− 5	55.35	− 7	47.98	−25	10.49	− 6	41.66	− 3	44.20	− 2
	29	48.36	− 1	55.67	− 9	47.90	−15	10.82	− 9	41.73	− 3	44.52	− 6
	30	48.24	+ 3	55.99	− 9	47.80	+ 1	11.15	−10	41.80	− 2	44.85	− 9
Juli	1	48.11	+ 5	56.31	− 7	47.68	+14	11.49	− 8	41.87	− 1	45.18	− 9
	2	47.97	+ 7	56.63	− 3	47.54	+25	11.82	− 4	41.94	+ 1	45.51	− 7
	3	47.83	+ 7	56.94	+ 2	47.38	+29	12.16	0	42.00	+ 2	45.84	− 3
	4	47.69	+ 5	57.26	+ 6	47.19	+26	12.49	+ 5	42.06	+ 3	46.18	+ 1
sec δ, tg δ		86° 36′ 50″	16.931	+16.901		89° 1′ 0″	58.270	+58.261		82° 13′ 40″	7.395	+7.327	
		60	16.945	+16.915		10	58.435	+58.426		50	7.397	+7.329	

1918	43 Hev. Cephei 4m.3				α Ursae minoris 2m.0				Gr. 750 6m.8			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	0h 57m	in s 0.01	+85° 49′	in ″ 0.01	1h 30m	in s 0.01	+88° 51′	in ″ 0.01	4h 10m	in s 0.01	+85° 20′	in ″ 0.01
Juli 4	24.20	+ 5	0.57	− 6	59.51	+16	57.12	− 7	23.02	− 1	12.69	− 9
5	24.52	+ 8	0.65	− 3	60.66	+28	57.14	− 4	23.25	+ 3	12.50	− 8
6	24.83	+10	0.73	+ 1	61.81	+34	57.16	0	23.48	+ 7	12.31	− 6
7	25.14	+ 9	0.81	+ 5	62.96	+33	57.19	+ 4	23.72	+ 9	12.13	− 2
8	25.45	+ 7	0.90	+ 8	64.10	+25	57.23	+ 8	23.96	+10	11.95	+ 2
9	25.76	+ 4	1.00	+10	65.25	+13	57.27	+10	24.21	+ 8	11.77	+ 5
10	26.07	0	1.10	+10	66.39	0	57.31	+10	24.45	+ 6	11.60	+ 8
11	26.38	− 4	1.20	+ 8	67.54	−12	57.36	+ 9	24.71	+ 3	11.43	+ 9
12	26.69	− 6	1.31	+ 5	68.69	−22	57.41	+ 6	24.96	− 1	11.27	+ 9
13	27.00	− 8	1.43	+ 1	69.84	−27	57.48	+ 2	25.21	− 4	11.11	+ 7
14	27.31	− 7	1.55	− 2	70.99	−27	57.54	− 1	25.47	− 6	10.96	+ 4
15	27.61	− 6	1.67	− 6	72.14	−23	57.61	− 5	25.73	− 8	10.81	0
16	27.91	− 4	1.80	− 8	73.28	−16	57.68	− 8	25.98	− 8	10.66	− 3
17	28.22	− 1	1.94	−10	74.42	− 6	57.77	−10	26.25	− 7	10.52	− 7
18	28.52	+ 2	2.08	− 9	75.56	+ 6	57.86	−10	26.51	− 5	10.38	− 9
19	28.82	+ 5	2.23	− 8	76.70	+16	57.95	− 8	26.78	− 2	10.25	−10
20	29.12	+ 7	2.38	− 5	77.84	+23	58.04	− 6	27.05	+ 1	10.12	− 9
21	29.42	+ 7	2.54	− 1	78.98	+26	58.15	− 2	27.33	+ 4	9.99	− 6
22	29.72	+ 6	2.70	+ 3	80.11	+22	58.26	+ 2	27.60	+ 6	9.87	− 2
23	30.01	+ 4	2.87	+ 6	81.24	+13	58.38	+ 5	27.88	+ 6	9.76	+ 2
24	30.31	0	3.04	+ 7	82.37	0	58.50	+ 8	28.16	+ 4	9.64	+ 6
25	30.60	− 4	3.22	+ 7	83.49	−14	58.63	+ 7	28.44	+ 2	9.54	+ 9
26	30.89	− 7	3.40	+ 4	84.61	−25	58.76	+ 5	28.73	− 2	9.43	+ 9
27	31.17	− 9	3.59	+ 1	85.73	−31	58.89	+ 2	29.01	− 5	9.33	+ 7
28	31.46	− 8	3.78	− 3	86.84	−29	59.03	− 2	29.30	− 7	9.24	+ 3
29	31.74	− 6	3.98	− 6	87.95	−20	59.17	− 5	29.59	− 7	9.15	− 1
30	32.03	− 1	4.18	− 7	89.05	− 5	59.32	− 7	29.88	− 5	9.06	− 5
31	32.30	+ 3	4.38	− 7	90.15	+11	59.47	− 7	30.17	− 2	8.98	− 8
Aug. 1	32.58	+ 7	4.59	− 4	91.24	+25	59.63	− 5	30.47	+ 2	8.90	− 8
2	32.86	+ 9	4.81	0	92.33	+33	59.80	− 1	30.76	+ 6	8.83	− 7
3	33.13	+10	5.02	+ 4	93.41	+34	59.97	+ 3	31.06	+ 9	8.76	− 4
4	33.40	+ 8	5.25	+ 7	94.48	+29	60.14	+ 6	31.35	+10	8.70	0
5	33.68	+ 5	5.47	+10	95.55	+18	60.32	+ 9	31.65	+ 9	8.65	+ 4
6	33.95	+ 1	5.70	+10	96.62	+ 5	60.50	+10	31.95	+ 7	8.60	+ 7
7	34.21	− 2	5.94	+ 9	97.68	− 8	60.69	+ 9	32.25	+ 4	8.55	+ 9
8	34.47	− 5	6.18	+ 6	98.73	−19	60.88	+ 7	32.55	0	8.50	+ 9
9	34.73	− 7	6.42	+ 3	99.77	−26	61.08	+ 4	32.86	− 3	8.46	+ 7
10	34.99	− 8	6.67	− 1	100.81	−28	61.28	0	33.16	− 6	8.42	+ 5
sec δ, tg δ	85° 49′ 0″		13.708	+13.672	88° 51′ 50″		50.435	+50.425	85° 20′ 10″		12.298	+12.258
	10		13.717	+13.681	60		50.558	+50.548	20		12.306	+12.265

1918	51 Hev. Cephei $5^m.2$				1 Hev. Draconis $4^m.3$				ε Ursae minoris $4^m.2$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$7^h\ 2^m$ s	in s 0.01	+87° 10′ ″	in ″ 0.01	$9^h\ 25^m$ s	in s 0.01	+81° 41′ ″	in ″ 0.01	$16^h\ 54^m$ s	in s 0.01	+82° 10′ ″	in ″ 0.01
Juli 4	30.29	−11	44.48	− 3	30.17	− 5	24.70	+ 2	22.55	+ 1	33.80	+ 7
5	30.37	− 8	44.16	− 6	30.11	− 4	24.42	− 2	22.45	0	34.07	+ 9
6	30.46	− 3	43.83	− 9	30.05	− 3	24.14	− 7	22.35	− 2	34.33	+ 8
7	{30.56 {30.66	+ 4 + 9	43.51 43.18	−10 − 8	30.00	− 1	23.86	− 9	22.25	− 3	34.59	+ 6
8	30.77	+13	42.86	− 5	29.94	+ 1	23.57	−10	22.15	− 4	34.85	+ 2
9	30.89	+15	42.53	− 1	29.89	+ 3	23.28	− 9	22.04	− 3	35.11	− 2
10	31.01	+16	42.21	+ 2	29.84	+ 5	22.99	− 7	21.93	− 3	35.36	− 5
11	31.14	+11	41.89	+ 5	29.80	+ 5	22.69	− 3	21.82	− 2	35.61	− 8
12	31.28	+ 6	41.57	+ 8	29.75	+ 5	22.39	0	21.70	0	35.85	− 9
13	31.43	0	41.25	+ 8	29.71	+ 4	22.09	+ 4	21.59	+ 1	36.09	− 8
14	31.58	− 5	40.93	+ 7	29.67	+ 2	21.79	+ 6	21.47	+ 2	36.33	− 6
15	31.74	−10	40.61	+ 5	29.63	0	21.48	+ 8	21.35	+ 3	36.56	− 3
16	31.91	−13	40.29	+ 3	29.60	− 2	21.17	+ 8	21.23	+ 3	36.79	0
17	32.09	−14	39.97	− 1	29.56	− 4	20.86	+ 7	21.10	+ 3	37.02	+ 4
18	32.28	−13	39.65	− 4	29.53	− 5	20.55	+ 5	20.98	+ 2	37.24	+ 7
19	32.47	−10	39.33	− 6	29.50	− 6	20.23	+ 2	20.85	+ 1	37.46	+ 9
20	32.67	− 6	39.02	− 8	29.47	− 5	19.91	− 1	20.72	0	37.68	+ 9
21	32.87	0	38.70	− 8	29.45	− 4	19.59	− 4	20.59	− 1	37.89	+ 8
22	33.08	+ 6	38.39	− 5	29.43	− 2	19.27	− 6	20.46	− 2	38.09	+ 5
23	33.30	+ 9	38.09	− 2	29.41	+ 1	18.95	− 7	20.32	− 2	38.30	+ 1
24	33.52	+11	37.78	+ 2	29.39	+ 3	18.62	− 5	20.19	− 2	38.49	− 3
25	33.75	+ 9	37.48	+ 6	29.38	+ 4	18.30	− 2	20.05	− 1	38.69	− 7
26	33.99	+ 5	37.17	+ 8	29.36	+ 5	17.97	+ 1	19.91	0	38.88	− 9
27	34.23	0	36.87	+ 9	29.35	+ 4	17.64	+ 5	19.77	+ 1	39.06	− 9
28	34.48	− 6	36.56	+ 7	29.34	+ 2	17.30	+ 7	19.63	+ 2	39.24	− 7
29	34.74	− 9	36.26	+ 4	29.33	− 1	16.97	+ 8	19.48	+ 3	39.42	− 3
30	35.00	−11	35.97	− 1	29.33	− 3	16.63	+ 7	19.33	+ 2	39.59	+ 2
31	35.27	− 9	35.67	− 5	29.32	− 4	16.30	+ 3	19.18	+ 1	39.76	+ 6
Aug. 1	35.55	− 4	35.38	− 8	29.33	− 4	15.96	− 1	19.03	0	39.92	+ 8
2	35.82	+ 1	35.09	−10	29.33	− 3	15.62	− 5	18.88	− 1	40.08	+ 9
3	36.10	+ 7	34.80	− 9	29.33	− 2	15.28	− 9	18.72	− 3	40.24	+ 7
4	36.39	+12	34.52	− 7	29.34	+ 1	14.94	−10	18.57	− 3	40.39	+ 4
5	36.69	+15	34.23	− 3	29.35	+ 3	14.59	−10	18.41	− 3	40.54	0
6	37.00	+15	33.95	+ 1	29.35	+ 4	14.25	− 8	18.26	− 3	40.68	− 4
7	37.32	+12	33.67	+ 4	29.37	+ 5	13.91	− 5	18.10	− 2	40.82	− 7
8	37.64	+ 8	33.39	+ 7	29.38	+ 5	13.56	− 1	17.94	− 1	40.95	− 9
9	37.97	+ 3	33.12	+ 8	29.40	+ 4	13.21	+ 3	17.78	0	41.08	− 9
10	38.30	− 3	32.85	+ 8	29.42	+ 3	12.87	+ 6	17.62	+ 2	41.20	− 7
sec δ, tg δ	87° 10′ 30″ 40		20.290 20.310	+20.265 +20.285	81° 41′ 10″ 20		6.916 6.918	+6.843 +6.845	82° 10′ 30″ 40		7.345 7.348	+7.277 +7.279

1918	δ Ursae minoris $4^m.3$				λ Ursae minoris $6^m.8$				76 Draconis $6^m.0$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$17^h 58^m$ s	in s 0.01	+86° 36′ ″	in ″ 0.01	$19^h 1^m$ s	in s 0.01	+89° 1′ ″	in ″ 0.01	$20^h 48^m$ s	in s 0.01	+82° 13′ ″	in ″ 0.01
Juli 4	47.69	+ 5	57.26	+ 6	47.19	+26	12.49	+ 5	42.06	+ 3	46.18	+ 1
5	47.54	+ 2	57.57	+ 9	46.98	+15	12.82	+ 8	42.12	+ 3	46.51	+ 6
6	47.38	− 2	57.88	+ 9	46.75	0	13.16	+10	42.18	+ 3	46.85	+ 9
7	47.22	− 6	58.19	+ 8	46.50	−15	13.49	+ 9	42.23	+ 1	47.19	+10
8	47.05	− 9	58.50	+ 5	46.22	−28	13.83	+ 7	42.28	− 1	47.54	+10
9	46.87	−10	58.80	+ 1	45.93	−36	14.16	+ 3	42.33	− 2	47.88	+ 7
10	46.69	− 9	59.10	− 3	45.61	−37	14.49	0	42.38	− 3	48.23	+ 4
11	46.51	− 7	59.40	− 6	45.28	−32	14.82	− 4	42.42	− 3	48.58	0
12	46.31	− 4	59.70	− 8	44.92	−22	15.15	− 7	42.47	− 4	48.93	− 3
13	46.12	0	60.00	− 8	44.54	− 9	15.48	− 8	42.51	− 3	49.28	− 6
14	45.91	+ 3	60.29	− 7	44.14	+ 5	15.81	− 8	42.54	− 2	49.64	− 8
15	45.70	+ 6	60.58	− 5	43.72	+18	16.14	− 6	42.58	0	49.99	− 8
16	45.49	+ 8	60.87	− 2	43.28	+28	16.47	− 4	42.61	+ 1	50.35	− 7
17	45.27	+ 9	61.15	+ 1	42.82	+35	16.80	− 1	42.64	+ 2	50.70	− 5
18	45.04	+ 8	61.43	+ 5	42.33	+36	17.12	+ 2	42.67	+ 3	51.06	− 2
19	44.81	+ 7	61.71	+ 7	41.83	+31	17.44	+ 5	42.69	+ 4	51.42	+ 1
20	44.57	+ 4	61.99	+ 8	41.31	+21	17.76	+ 7	42.71	+ 4	51.78	+ 4
21	44.33	0	62.26	+ 8	40.76	+ 8	18.08	+ 8	42.73	+ 3	52.15	+ 6
22	44.08	− 3	62.53	+ 6	40.19	− 6	18.40	+ 7	42.74	+ 1	52.51	+ 7
23	43.83	− 6	62.80	+ 3	39.61	−19	18.72	+ 4	42.75	0	52.87	+ 6
24	43.57	− 7	63.07	− 2	39.01	−27	19.04	0	42.76	− 2	53.24	+ 3
25	43.31	− 6	63.33	− 6	38.39	−27	19.35	− 4	42.77	− 3	53.60	− 1
26	43.04	− 3	63.59	− 8	37.74	−20	19.66	− 7	42.77	− 3	53.96	− 4
27	42.77	0	63.85	− 9	37.07	− 8	19.97	− 9	42.77	− 3	54.33	− 7
28	42.49	+ 4	64.11	− 8	36.39	+ 6	20.28	− 8	42.77	− 2	54.69	− 9
29	42.21	+ 6	64.36	− 4	35.69	+19	20.59	− 6	42.77	0	55.06	− 8
30	41.92	+ 7	64.61	0	34.97	+26	20.89	− 2	42.77	+ 2	55.42	− 4
31	41.63	+ 6	64.85	+ 4	34.23	+26	21.20	+ 3	42.76	+ 3	55.79	0
Aug. 1	41.33	+ 3	65.09	+ 8	33.47	+18	21.50	+ 7	42.75	+ 3	56.15	+ 4
2	41.03	− 1	65.33	+ 9	32.69	+ 5	21.80	+ 9	42.73	+ 3	56.52	+ 8
3	40.73	− 5	65.56	+ 9	31.90	−10	22.10	+10	42.72	+ 2	56.88	+10
4	40.42	− 8	65.79	+ 6	31.09	−24	22.39	+ 8	42.70	0	57.25	+10
5	40.11	−10	66.02	+ 3	30.25	−34	22.68	+ 5	42.68	− 1	57.61	+ 8
6	39.79	−10	66.24	− 1	29.40	−37	22.97	+ 1	42.66	− 3	57.98	+ 5
7	39.47	− 8	66.46	− 5	28.53	−34	23.26	− 3	42.63	− 3	58.35	+ 2
8	39.14	− 5	66.68	− 7	27.65	−26	23.54	− 6	42.60	− 4	58.72	− 2
9	38.81	− 2	66.89	− 8	26.75	−14	23.82	− 8	42.57	− 3	59.08	− 5
10	38.47	+ 2	67.10	− 8	25.83	0	24.10	− 8	42.53	− 2	59.45	− 7
sec δ, tg δ	86° 36′ 60″		16.945	+16.915	89° 1′ 10″		58.435	+58.426	82° 13′ 50″		7.397	+7.329
	70		16.958	+16.929	20		58.601	+58.592	60		7.400	+7.332

1918	43 Hev. Cephei 4ᵐ.3				α Ursae minoris 2ᵐ.0				Gr. 750 6ᵐ.8			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$0^h 57^m$	in 0.01 s	+85° 49′	in 0.01 ″	$1^h 31^m$	in 0.01 s	+88° 52′	in 0.01 ″	$4^h 10^m$	in 0.01 s	+85° 20′	in 0.01 ″
Aug. 10	34.99 s	− 8	6.67 ″	− 1	40.81 s	−28	1.28 ″	0	33.16 s	− 6	8.42 ″	+ 5
11	35.24	− 7	6.92	− 5	41.84	−26	1.48	− 4	33.46	− 7	8.39	+ 2
12	35.49	− 5	7.18	− 8	42.86	−19	1.69	− 7	33.77	− 8	8.38	− 2
13	35.74	− 3	7.44	− 9	43.87	−10	1.90	− 9	34.08	− 8	8.37	− 5
14	35.99	0	7.71	−10	44.87	0	2.12	−10	34.39	− 6	8.36	− 8
15	36.23	+ 3	7.98	− 9	45.87	+12	2.34	− 9	34.70	− 3	8.35	−10
16	36.47	+ 6	8.25	− 6	46.87	+20	2.57	− 7	35.01	0	8.34	− 9
17	36.71	+ 7	8.53	− 3	47.85	+25	2.81	− 4	35.32	+ 3	8.34	− 7
18	36.95	+ 6	8.81	+ 1	48.82	+23	3.05	0	35.63	+ 5	8.34	− 4
19	37.18	+ 4	9.09	+ 4	49.78	+16	3.29	+ 4	35.94	+ 6	8.35	0
20	37.41	+ 1	9.38	+ 6	50.74	+ 5	3.54	+ 6	36.25	+ 5	8.36	+ 4
21	37.64	− 2	9.67	+ 7	51.69	− 9	3.79	+ 7	36.56	+ 2	8.38	+ 8
22	37.86	− 6	9.97	+ 5	52.63	−22	4.04	+ 6	36.88	− 1	8.41	+ 9
23	38.08	− 8	10.26	+ 2	53.56	−29	4.30	+ 3	37.19	− 5	8.43	+ 8
24	38.30	− 9	10.57	− 1	54.48	−30	4.56	0	37.50	− 6	8.47	+ 5
25	38.52	− 7	10.87	− 5	55.38	−24	4.82	− 4	37.81	− 7	8.51	+ 1
26	38.72	− 3	11.18	− 7	56.28	−11	5.09	− 6	38.13	− 6	8.55	− 3
27	38.92	+ 1	11.49	− 7	57.17	+ 5	5.36	− 7	38.44	− 3	8.60	− 7
28	39.12	+ 6	11.80	− 5	58.05	+20	5.63	− 6	38.75	+ 1	8.65	− 8
29	39.32	+ 9	12.12	− 1	58.91	+31	5.91	− 2	39.07	+ 5	8.71	− 8
30	39.51	+10	12.44	+ 3	59.76	+35	6.19	+ 2	39.38	+ 8	8.78	− 5
31	39.71	+ 9	12.76	+ 7	60.61	+33	6.48	+ 6	39.69	+10	8.84	− 1
Sept. 1	39.89	+ 7	13.09	+ 9	61.44	+24	6.77	+ 9	40.00	+10	8.92	+ 3
2	40.08	+ 3	13.41	+10	62.26	+11	7.06	+10	40.32	+ 8	8.99	+ 6
3	40.26	− 1	13.74	+10	63.07	− 3	7.36	+10	40.63	+ 5	9.07	+ 8
4	40.44	− 4	14.08	+ 8	63.87	−15	7.66	+ 8	40.94	+ 2	9.16	+ 9
5	40.61	− 7	14.41	+ 5	64.66	−23	7.96	+ 5	41.25	− 2	9.25	+ 8
6	40.78	− 8	14.75	+ 1	65.43	−27	8.27	+ 2	41.56	− 5	9.34	+ 6
7	40.95	− 7	15.09	− 3	66.19	−27	8.58	− 2	41.87	− 7	9.44	+ 3
8	41.12	− 6	15.43	− 6	66.94	−22	8.89	− 6	42.18	− 8	9.54	− 1
9	41.28	− 4	15.78	− 9	67.68	−14	9.21	− 8	42.48	− 8	9.65	− 4
10	41.44	− 1	16.13	−10	68.40	− 4	9.53	−10	42.79	− 7	9.76	− 7
11	41.59	+ 2	16.48	− 9	69.11	+ 7	9.85	−10	43.09	− 5	9.88	− 9
12	41.74	+ 5	16.83	− 8	69.81	+16	10.17	− 8	43.40	− 2	10.00	−10
13	41.88	+ 6	17.18	− 5	70.49	+22	10.49	− 5	43.70	+ 1	10.12	− 8
14	42.02	+ 7	17.53	− 1	71.16	+23	10.82	− 2	44.00	+ 4	10.25	− 6
15	42.15	+ 5	17.89	+ 2	71.83	+19	11.15	+ 2	44.30	+ 5	10.38	− 2
16	42.27	+ 3	18.25	+ 5	72.47	+ 9	11.49	+ 5	44.60	+ 5	10.52	+ 2
sec δ, tg δ	85° 49′ 10″	13.717	+13.681		88° 52′ 0″	50.558	+50.548		85° 20′ 0″	12.291	+12.251	
	20	13.727	+13.690		10	50.683	+50.673		10	12.298	+12.258	

1918	51 Hev. Cephei $5^m.2$				1 Hev. Draconis $4^m.3$				ε Ursae minoris $4^m.2$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$7^h\,2^m$	in $0^s.01$	$+87°\,10'$	in $0''.01$	$9^h\,25^m$	in $0^s.01$	$+81°\,40'$	in $0''.01$	$16^h\,54^m$	in $0^s.01$	$+82°\,10'$	in $0''.01$
Aug. 10	$38^s.30$	− 3	$32''.85$	+ 8	$29^s.42$	+ 3	$72''.87$	+ 6	$17^s.62$	+ 2	$41''.20$	− 7
11	38.63	− 8	32.58	+ 6	29.44	+ 1	72.52	+ 7	17.46	+ 2	41.32	− 4
12	38.97	−12	32.31	+ 4	29.47	− 1	72.17	+ 8	17.29	+ 3	41.44	− 1
13	39.32	−14	32.05	+ 1	{29.50 / 29.53	− 3 / − 5	71.82 / 71.48	+ 8 / + 6	17.13	+ 3	41.54	+ 2
14	39.67	−14	31.79	− 2	29.56	− 6	71.13	+ 3	16.96	+ 2	41.65	+ 6
15	40.02	−12	31.53	− 5	29.59	− 5	70.78	0	16.80	+ 2	41.75	+ 8
16	40.38	− 8	31.27	− 7	29.62	− 4	70.43	− 3	16.63	+ 1	41.84	+ 9
17	40.75	− 3	31.02	− 8	29.66	− 3	70.08	− 5	16.46	0	41.93	+ 9
18	41.13	+ 3	30.77	− 6	29.70	0	69.73	− 6	16.29	− 1	42.01	+ 7
19	41.51	+ 7	30.52	− 3	29.75	+ 2	69.38	− 5	16.12	− 2	42.09	+ 3
20	41.89	+10	30.28	+ 1	29.79	+ 4	69.04	− 3	15.94	− 2	42.17	− 1
21	42.28	+10	30.04	+ 4	29.84	+ 5	68.69	0	15.77	− 1	42.24	− 5
22	42.67	+ 7	29.81	+ 8	29.89	+ 4	68.34	+ 4	15.59	0	42.30	− 8
23	43.07	+ 2	29.58	+ 9	29.94	+ 3	67.99	+ 7	15.42	+ 1	42.36	− 9
24	43.47	− 3	29.35	+ 8	30.00	+ 1	67.65	+ 8	15.24	+ 2	42.42	− 8
25	43.88	− 8	29.12	+ 5	30.05	− 2	67.30	+ 7	15.07	+ 3	42.46	− 4
26	44.29	−10	28.89	+ 1	30.11	− 3	66.96	+ 5	14.89	+ 2	42.51	0
27	44.70	− 9	28.67	− 4	30.17	− 4	66.61	0	14.72	+ 2	42.54	+ 4
28	45.12	− 6	28.45	− 7	30.23	− 4	66.26	− 4	14.54	0	42.57	+ 7
29	45.55	0	28.24	−10	30.30	− 3	65.92	− 8	14.36	− 1	42.60	+ 9
30	45.98	+ 6	28.03	−10	30.36	0	65.58	−10	14.19	− 2	42.62	+ 8
31	46.41	+11	27.82	− 8	30.43	+ 2	65.23	−11	14.01	− 3	42.64	+ 5
Sept. 1	46.84	+14	27.62	− 5	30.50	+ 4	64.89	− 9	13.83	− 4	42.66	+ 1
2	47.28	+15	27.42	− 1	30.57	+ 5	64.55	− 6	13.65	− 3	42.66	− 3
3	47.72	+14	27.23	+ 3	30.65	+ 5	64.21	− 3	13.48	− 2	42.67	− 6
4	48.17	+10	27.03	+ 6	30.72	+ 5	63.87	+ 1	13.30	− 1	42.67	− 8
5	48.62	+ 5	26.85	+ 8	30.80	+ 3	63.54	+ 4	13.12	0	42.66	− 9
6	49.08	− 1	26.66	+ 8	30.88	+ 1	63.20	+ 7	12.94	+ 1	42.65	− 8
7	49.54	− 6	26.48	+ 7	30.96	− 1	62.86	+ 8	12.76	+ 2	42.63	− 6
8	50.00	−10	26.30	+ 5	31.05	− 3	62.53	+ 8	12.58	+ 3	42.61	− 3
9	50.47	−13	26.13	+ 2	31.13	− 4	62.20	+ 7	12.40	+ 3	42.58	+ 1
10	50.94	−14	25.96	− 1	31.22	− 5	61.87	+ 4	12.22	+ 2	42.55	+ 4
11	51.41	−13	25.80	− 4	31.31	− 6	61.54	+ 2	12.04	+ 2	42.52	+ 7
12	51.89	−10	25.64	− 6	31.40	− 5	61.22	− 1	11.86	+ 1	42.47	+ 9
13	52.36	− 6	25.49	− 7	31.50	− 4	60.89	− 4	11.68	0	42.43	+ 9
14	52.84	0	25.34	− 7	31.59	− 1	60.57	− 5	11.50	− 1	42.38	+ 8
15	53.32	+ 5	25.19	− 5	31.69	+ 1	60.25	− 5	11.32	− 1	42.32	+ 5
16	53.81	+ 8	25.05	− 1	31.79	+ 3	59.93	− 4	11.14	− 2	42.26	+ 1
sec δ, tg δ	87° 10′ 20″	20.270	+20.245		81° 40′ 60″	6.914	+6.841		82° 10′ 40″	7.348	+7.279	
	30	20.290	+20.265		70	6.916	+6.843		50	7.350	+7.282	

1918	δ Ursae minoris 4m.3				λ Ursae minoris 6m.8				76 Draconis 6m.0			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$17^h 58^m$	in 0.01 s	+86° 37′	in 0.01″	$19^h 0^m$	in 0.01 s	+89° 1′	in 0.01″	$20^h 48^m$	in 0.01 s	+82° 13′	in 0.01″
Aug. 10	38.47	+ 2	7.10	− 8	85.83	0	24.10	− 8	42.53	− 2	59.45	− 7
11	38.14	+ 5	7.31	− 6	84.89	+13	24.38	− 7	42.50	− 1	59.81	− 8
12	37.79	+ 7	7.51	− 3	83.94	+25	24.65	− 5	42.46	+ 1	60.17	− 8
13	37.45	+ 9	7.70	0	82.98	+33	24.92	− 2	42.41	+ 2	60.53	− 6
14	37.10	+ 9	7.90	+ 3	82.00	+36	25.19	+ 1	42.37	+ 3	60.89	− 3
15	36.75	+ 8	8.08	+ 6	80.99	+35	25.45	+ 4	42.32	+ 4	61.25	0
16	36.39	+ 5	8.27	+ 8	79.97	+27	25.71	+ 6	42.27	+ 4	61.61	+ 3
17	36.03	+ 2	8.45	+ 8	78.94	+16	25.97	+ 8	42.22	+ 3	61.96	+ 5
18	35.67	− 1	8.62	+ 7	77.89	+ 1	26.22	+ 7	42.16	+ 2	62.32	+ 6
19	35.30	− 4	8.79	+ 4	76.83	−12	26.47	+ 5	42.10	0	62.68	+ 6
20	34.93	− 6	8.96	0	75.74	−22	26.72	+ 2	42.05	− 1	63.03	+ 4
21	34.56	− 6	9.12	− 4	74.64	−26	26.97	− 3	41.98	− 3	63.38	+ 1
22	34.18	− 4	9.28	− 7	73.54	−23	27.21	− 6	41.92	− 3	63.73	− 3
23	33.80	− 1	9.43	− 9	72.42	−13	27.45	− 9	41.85	− 3	64.08	− 6
24	33.42	+ 2	9.58	− 9	71.28	0	27.69	− 9	41.78	− 2	64.43	− 8
25	33.04	+ 5	9.73	− 6	70.13	+13	27.92	− 7	41.71	− 1	64.78	− 8
26	32.65	+ 6	9.87	− 2	68.96	+23	28.15	− 3	41.64	+ 1	65.12	− 6
27	32.26	+ 6	10.01	+ 3	67.79	+25	28.37	+ 1	41.56	+ 2	65.46	− 2
28	31.87	+ 4	10.14	+ 7	66.60	+20	28.59	+ 6	41.48	+ 3	65.80	+ 3
29	31.47	0	10.27	+ 9	65.40	+ 9	28.81	+ 9	41.40	+ 3	66.14	+ 7
30	31.08	− 4	10.39	+ 9	64.18	− 6	29.02	+10	41.31	+ 2	66.47	+10
31	30.67	− 7	10.51	+ 7	62.95	−21	29.23	+ 9	41.22	+ 1	66.81	+11
Sept. 1	30.27	−10	10.62	+ 4	61.71	−32	29.43	+ 6	41.13	− 1	67.14	+10
2	29.87	−10	10.73	0	60.46	−38	29.63	+ 3	41.04	− 2	67.46	+ 7
3	29.46	− 9	10.84	− 4	59.20	−37	29.83	− 1	40.95	− 3	67.79	+ 3
4	29.05	− 7	10.94	− 7	57.92	−31	30.02	− 5	40.86	− 4	68.11	− 1
5	28.65	− 3	11.04	− 8	56.63	−20	30.21	− 7	40.76	− 3	68.43	− 4
6	28.23	0	11.13	− 8	55.34	− 6	30.40	− 8	40.66	− 2	68.75	− 7
7	27.82	+ 4	11.22	− 7	54.03	+ 8	30.58	− 8	40.56	− 1	69.06	− 8
8	27.40	+ 6	11.30	− 4	52.71	+20	30.76	− 6	40.46	0	69.37	− 8
9	26.98	+ 8	11.38	− 1	51.38	+30	30.93	− 3	40.35	+ 1	69.68	− 7
10	26.57	+ 9	11.45	+ 2	50.04	+35	31.10	0	40.24	+ 3	69.99	− 4
11	26.15	+ 8	11.52	+ 5	48.69	+36	31.26	+ 3	40.13	+ 3	70.29	− 2
12	25.72	+ 6	11.58	+ 7	47.33	+31	31.42	+ 5	40.02	+ 4	70.59	+ 1
13	25.30	+ 4	11.64	+ 8	45.97	+21	31.58	+ 7	39.91	+ 3	70.89	+ 4
14	24.88	0	11.69	+ 8	44.59	+ 8	31.73	+ 7	39.80	+ 2	71.19	+ 6
15	24.45	− 3	11.74	+ 5	43.21	− 5	31.88	+ 6	39.68	+ 1	71.48	+ 6
16	24.03	− 5	11.78	+ 2	41.82	−16	32.02	+ 2	39.56	− 1	71.77	+ 4
sec δ, tg δ	86° 37′ 0″	16.945	+16.915		89° 1′ 20″	58.601	+58.592		82° 13′ 60″	7.400	+7.332	
	10	16.958	+16.929		30	58.768	+58.759		70	7.402	+7.335	

1918	43 Hev. Cephei 4ᵐ.3				α Ursae minoris 2ᵐ.0				Gr. 750 6ᵐ.8			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$0^h 57^m$ s	in s 0.01	+85° 49′ ″	in ″ 0.01	$1^h 32^m$ s	in s 0.01	+88° 52′ ″	in ″ 0.01	$4^h 10^m$ s	in s 0.01	+85° 20′ ″	in ″ 0.01
Sept. 16	42.27	+ 3	18.25	+ 5	12.47	+ 9	11.49	+ 5	44.60	+ 5	10.52	+ 2
17	42.40	− 1	18.61	+ 6	13.10	− 5	11.83	+ 6	44.90	+ 3	10.66	+ 6
18	42.52	− 5	18.98	+ 6	13.72	−18	12.17	+ 6	45.20	0	10.81	+ 8
19	42.64	− 8	19.34	+ 3	14.32	−28	12.51	+ 4	45.50	− 3	10.96	+ 8
20	42.75	− 9	19.70	0	14.91	−32	12.85	+ 1	45.79	− 6	11.12	+ 6
21	42.86	− 8	20.07	− 4	15.48	−28	13.20	− 3	46.08	− 7	11.28	+ 2
22	42.97	− 5	20.44	− 6	16.04	−17	13.55	− 6	46.37	− 7	11.44	− 2
23	43.07	0	20.81	− 7	16.59	− 1	13.90	− 7	46.66	− 4	11.61	− 5
24	43.17	+ 4	21.18	− 6	17.12	+15	14.25	− 6	46.95	− 1	11.78	− 8
25	43.26	+ 8	21.55	− 2	17.64	+28	14.60	− 4	47.24	+ 4	11.96	− 8
26	43.35	+10	21.92	+ 2	18.14	+35	14.96	0	47.52	+ 8	12.14	− 6
27	43.43	+10	22.30	+ 6	18.63	+36	15.32	+ 4	47.80	+10	12.33	− 3
28	43.51	+ 8	22.67	+ 9	19.10	+29	15.68	+ 8	48.08	+11	12.52	+ 1
29	43.59	+ 5	23.05	+11	19.56	+17	16.04	+10	48.36	+10	12.71	+ 5
30	43.66	+ 1	23.42	+11	20.00	+ 4	16.40	+11	48.63	+ 7	12.91	+ 8
Okt. 1	43.73	− 3	23.80	+ 9	20.42	−10	16.77	+ 9	48.90	+ 4	13.11	+ 9
2	43.79	− 6	24.18	+ 6	20.83	−20	17.14	+ 7	49.17	0	13.31	+ 9
3	43.85	− 7	24.56	+ 2	21.22	−25	17.50	+ 3	49.44	− 3	13.52	+ 7
4	43.90	− 8	24.93	− 1	21.60	−27	17.87	0	49.71	− 6	13.73	+ 4
5	43.95	− 7	25.31	− 5	21.96	−24	18.24	− 4	49.98	− 7	13.94	+ 1
6	44.00	− 4	25.69	− 8	22.30	−16	18.61	− 7	50.24	− 8	14.16	− 3
7	44.04	− 2	26.07	− 9	22.63	− 7	18.98	− 9	50.50	− 7	14.38	− 6
8	44.08	+ 1	26.45	− 9	22.94	+ 3	19.35	−10	50.76	− 5	14.61	− 8
9	44.11	+ 4	26.83	− 8	23.23	+14	19.72	− 9	51.02	− 3	14.84	− 9
10	44.14	+ 6	27.21	− 6	23.52	+20	20.09	− 7	51.27	0	15.07	− 9
11	44.16	+ 7	27.58	− 2	23.78	+24	20.47	− 3	51.52	+ 3	15.31	− 7
12	44.18	+ 6	27.96	+ 1	24.03	+21	20.84	0	51.77	+ 4	15.55	− 3
13	44.19	+ 4	28.34	+ 4	24.26	+13	21.21	+ 3	52.01	+ 5	15.80	+ 1
14	44.20	0	28.72	+ 5	24.47	+ 1	21.59	+ 6	52.25	+ 3	16.04	+ 5
15	44.21	− 4	29.09	+ 5	24.67	−13	21.97	+ 6	52.49	+ 1	16.30	+ 7
16	44.21	− 7	29.47	+ 3	24.85	−25	22.35	+ 4	52.73	− 2	16.55	+ 8
17	44.20	− 9	29.85	0	25.01	−30	22.73	+ 2	52.96	− 6	16.81	+ 7
18	44.19	− 9	30.22	− 3	25.15	−32	23.11	− 2	53.19	− 8	17.07	+ 4
19	44.18	− 7	30.60	− 6	25.28	−23	23.49	− 6	53.42	− 8	17.33	0
20	44.16	− 3	30.97	− 8	25.40	−10	23.87	− 7	53.64	− 6	17.60	− 4
21	44.14	+ 2	31.34	− 7	25.49	+ 7	24.24	− 7	53.86	− 3	17.87	− 7
22	44.11	+ 6	31.72	− 4	25.56	+23	24.62	− 5	54.08	+ 2	18.14	− 8
23	44.08	+ 9	32.09	0	25.62	+33	24.99	− 2	54.29	+ 6	18.41	− 7
sec δ, tg δ	85° 49′ 20″		13.727	+13.690	88° 52′ 10″		50.683	+50.673	85° 20′ 10″		12.298	+12.258
	30		13.736	+13.699	20		50.807	+50.798	20		12.306	+12.265

1918	51 Hev. Cephei $5^m.2$				1 Hev. Draconis $4^m.3$				ε Ursae minoris $4^m.2$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$7^h 2^m$	in ^{s} 0.01	+87° 10′	in ″ 0.01	$9^h 25^m$	in ^{s} 0.01	+81° 40′	in ″ 0.01	$16^h 54^m$	in ^{s} 0.01	+82° 10′	in ″ 0.01
Sept. 16	53.81	+ 8	25.05	− 1	31.79	+ 3	59.93	− 4	11.14	− 2	42.26	+ 1
17	54.30	+ 9	24.91	+ 3	31.89	+ 4	59.61	− 1	10.96	− 1	42.19	− 4
18	54.79	+ 7	24.78	+ 7	32.00	+ 4	59.30	+ 3	10.78	0	42.12	− 7
19	55.29	+ 3	24.65	+ 9	32.10	+ 3	58.98	+ 6	10.60	+ 1	42.04	− 9
20	55.78	− 2	24.52	+ 9	32.21	+ 1	58.67	+ 8	10.43	+ 2	41.96	− 8
21	56.28	− 7	24.40	+ 7	32.32	− 1	58.37	+ 8	10.25	+ 2	41.88	− 6
22	56.78	−10	24.28	+ 3	32.43	− 3	58.06	+ 6	10.07	+ 3	41.78	− 2
23	57.28	−10	24.17	− 2	32.55	− 4	57.76	+ 2	9.89	+ 2	41.69	+ 2
24	57.79	− 7	24.06	− 6	32.66	− 4	57.46	− 2	9.72	+ 1	41.59	+ 6
25	58.30	− 2	23.96	− 9	32.78	− 3	57.16	− 7	9.54	− 1	41.48	+ 8
26	58.81	+ 4	23.86	−10	32.90	− 1	56.87	−10	9.37	− 2	41.37	+ 8
27	59.32	+10	23.77	− 9	33.02	+ 1	56.58	−11	9.19	− 3	41.25	+ 6
28	59.83	+14	23.68	− 6	33.14	+ 4	56.29	−10	9.02	− 4	41.13	+ 3
29	60.34	+16	23.59	− 2	33.26	+ 5	56.00	− 8	8.84	− 4	41.00	− 1
30	60.86	+15	23.51	+ 1	33.39	+ 6	55.72	− 4	8.67	− 3	40.87	− 5
Okt. 1	61.37	+12	23.43	+ 5	33.52	+ 5	55.44	− 1	8.50	− 2	40.74	− 8
2	61.89	+ 8	23.35	+ 7	33.65	+ 4	55.16	+ 3	8.33	− 1	40.59	− 9
3	62.41	+ 2	23.28	+ 8	33.78	+ 2	54.89	+ 6	8.16	+ 1	40.45	− 8
4	62.93	− 3	23.22	+ 7	33.91	0	54.62	+ 7	8.00	+ 2	40.30	− 7
5	63.45	− 8	23.17	+ 6	34.04	− 2	54.35	+ 8	7.83	+ 2	40.14	− 4
6	63.97	−12	23.12	+ 3	34.18	− 3	54.08	+ 7	7.66	+ 3	39.98	− 1
7	64.49	−14	23.07	0	34.32	− 5	53.82	+ 5	7.50	+ 3	39.81	+ 3
8	65.01	−13	23.03	− 3	34.46	− 5	53.56	+ 2	7.34	+ 2	39.64	+ 6
9	65.54	−11	22.99	− 6	34.59	− 5	53.31	− 1	7.18	+ 1	39.46	+ 8
10	66.06	− 7	22.96	− 7	34.73	− 4	53.05	− 3	7.01	0	39.29	+ 9
11	66.58	− 2	22.93	− 7	34.88	− 2	52.81	− 5	6.85	− 1	39.10	+ 8
12	67.10	+ 3	22.90	− 5	35.02	0	52.56	− 5	6.70	− 1	38.91	+ 6
13	67.63	+ 6	22.88	− 2	35.16	+ 2	52.32	− 4	6.54	− 2	38.72	+ 2
14	68.15	+ 8	22.87	+ 2	35.31	+ 3	52.08	− 2	6.38	− 1	38.53	− 2
15	68.67	+ 7	22.86	+ 5	35.45	+ 4	51.85	+ 2	6.23	− 1	38.32	− 5
16	69.19	+ 4	22.86	+ 8	35.60	+ 3	51.62	+ 5	6.07	0	38.12	− 8
17	69.71	− 1	22.86	+ 9	35.75	+ 2	51.39	+ 8	5.92	+ 1	37.91	− 8
18	70.23	− 6	22.87	+ 8	35.90	0	51.17	+ 9	5.77	+ 2	37.70	− 7
19	70.75	−10	22.88	+ 5	36.06	− 2	50.96	+ 7	5.62	+ 3	37.48	− 3
20	71.27	−11	22.89	0	36.21	− 4	50.74	+ 4	5.47	+ 3	37.26	+ 1
21	71.79	− 9	22.91	− 4	36.37	− 4	50.54	0	5.33	+ 2	37.03	+ 5
22	72.31	− 5	22.94	− 8	36.52	− 4	50.33	− 5	5.19	0	36.80	+ 8
23	72.82	+ 1	22.97	−10	36.68	− 2	50.13	− 9	5.05	− 1	36.57	+ 9
sec δ, tg δ	87° 10′ 20″	20.270	+20.245		81° 40′ 50″	6.911	+6.839		82° 10′ 30″	7.345	+7.277	
	30	20.290	+20.265		60	6.914	+6.841		40	7.348	+7.279	

1918	δ Ursae minoris 4^m.3				λ Ursae minoris 6^m.8				76 Draconis 6^m.0			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	17h 58m s	in s 0.01	+86° 37′ ″	in ″ 0.01	18h 59m s	in s 0.01	+89° 1′ ″	in ″ 0.01	20h 48m s	in s 0.01	+82° 14′ ″	in ″ 0.01
Sept. 16	24.03	− 5	11.78	+ 2	101.82	−16	32.02	+ 2	39.56	− 1	11.77	+ 4
17	23.60	− 5	11.82	− 2	100.42	−22	32.16	− 1	39.44	− 2	12.06	+ 2
18	23.17	− 4	11.85	− 6	99.01	−22	32.30	− 5	39.32	− 3	12.34	− 2
19	22.74	− 2	11.88	− 9	97.60	−15	32.43	− 8	39.19	− 3	12.62	− 6
20	22.32	+ 2	11.91	− 9	96.18	− 3	32.55	− 9	39.07	− 2	12.89	− 8
21	21.89	+ 5	11.93	− 7	94.75	+10	32.67	− 8	38.94	− 1	13.16	− 9
22	21.46	+ 6	11.94	− 4	93.32	+21	32.79	− 5	38.81	0	13.43	− 7
23	21.03	+ 7	11.94	+ 1	91.88	+26	32.90	− 1	38.68	+ 2	13.69	− 3
24	20.60	+ 5	11.94	+ 5	90.43	+23	33.01	+ 4	38.54	+ 3	13.95	+ 1
25	20.17	+ 1	11.94	+ 8	88.98	+13	33.11	+ 8	38.41	+ 3	14.21	+ 6
26	19.74	− 3	11.94	+ 9	87.53	− 1	33.20	+10	38.27	+ 3	14.46	+ 9
27	19.31	− 6	11.93	+ 8	86.07	−16	33.29	+10	38.13	+ 1	14.71	+11
28	18.88	− 9	11.91	+ 6	84.61	−30	33.38	+ 8	37.99	0	14.96	+11
29	18.45	−11	11.89	+ 2	83.13	−38	33.46	+ 4	37.85	− 2	15.20	+ 8
30	18.03	−10	11.87	− 2	81.66	−40	33.54	0	37.70	− 3	15.43	+ 5
Okt. 1	17.61	− 8	11.84	− 5	80.18	−37	33.61	− 3	37.56	− 4	15.67	+ 1
2	17.18	− 5	11.80	− 8	78.70	−26	33.68	− 6	37.41	− 4	15.89	− 3
3	16.75	− 1	11.76	− 8	77.22	−12	33.74	− 8	37.27	− 3	16.12	− 6
4	16.32	+ 2	11.71	− 7	75.72	+ 1	33.80	− 8	37.12	− 2	16.34	− 7
5	15.89	+ 5	11.66	− 5	74.23	+14	33.86	− 7	36.97	− 1	16.55	− 8
6	15.46	+ 7	11.60	− 3	72.74	+25	33.91	− 4	36.82	+ 1	16.76	− 7
7	15.04	+ 8	11.54	+ 1	71.25	+32	33.95	− 1	36.67	+ 2	16.97	− 5
8	14.62	+ 8	11.47	+ 4	69.76	+34	33.99	+ 2	36.52	+ 3	17.17	− 2
9	14.19	+ 7	11.40	+ 6	68.26	+32	34.02	+ 5	36.36	+ 4	17.37	0
10	13.78	+ 5	11.33	+ 8	66.76	+24	34.05	+ 7	36.21	+ 4	17.57	+ 3
11	13.36	+ 2	11.25	+ 8	65.27	+13	34.07	+ 7	36.05	+ 3	17.76	+ 5
12	12.94	− 1	11.16	+ 7	63.78	0	34.09	+ 7	35.89	+ 2	17.94	+ 6
13	12.53	− 4	11.07	+ 3	62.29	−11	34.10	+ 4	35.74	0	18.12	+ 5
14	12.12	− 5	10.98	− 1	60.79	−19	34.11	0	35.58	− 1	18.30	+ 2
15	11.70	− 4	10.88	− 5	59.30	−20	34.11	− 4	35.41	− 3	18.47	− 1
16	11.30	− 2	10.77	− 8	57.81	−15	34.11	− 7	35.25	− 3	18.63	− 5
17	10.89	+ 1	10.66	− 9	56.32	− 5	34.10	− 9	35.09	− 3	18.79	− 8
18	10.48	+ 4	10.55	− 8	54.83	+ 8	34.09	− 9	34.93	− 2	18.94	− 9
19	10.08	+ 7	10.43	− 5	53.34	+20	34.07	− 7	34.76	0	19.09	− 9
20	9.68	+ 7	10.30	− 1	51.86	+27	34.05	− 3	34.60	+ 1	19.24	− 6
21	9.28	+ 6	10.17	+ 3	50.38	+27	34.02	+ 2	34.43	+ 3	19.38	− 1
22	8.89	+ 3	10.04	+ 7	48.91	+20	33.99	+ 6	34.26	+ 3	19.51	+ 4
23	8.49	− 1	9.90	+ 9	47.44	+ 6	33.95	+ 9	34.10	+ 3	19.64	+ 8
sec δ, tg δ	86° 37′ 10″	16.958	+16.929		89° 1′ 30″	58.768	+58.759		82° 14′ 10″	7.402	+7.335	
	20	16.972	+16.943		40	58.936	+58.927		20	7.405	+7.337	

1918		43 Hev. Cephei $4^m.3$				α Ursae minoris $2^m.0$				Gr. 750 $6^m.8$			
		AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
		$0^h 57^m$	in ^{s} 0.01	+85° 49′	in ″ 0.01	$1^h 32^m$	in ^{s} 0.01	+88° 52′	in ″ 0.01	$4^h 10^m$	in ^{s} 0.01	+85° 20′	in ″ 0.01
		s		″		s		″		s		″	
Okt.	23	44.08	+ 9	32.09	0	25.62	+33	24.99	− 2	54.29	+ 6	18.41	− 7
	24	44.04	+10	32.45	+ 4	25.67	+36	25.37	+ 3	54.50	+ 9	18.69	− 4
	25	44.00	+ 9	32.82	+ 8	25.69	+33	25.75	+ 7	54.71	+11	18.97	0
	26	43.96	+ 6	33.19	+11	25.69	+23	26.13	+10	54.91	+11	19.25	+ 4
	27	43.91	+ 2	33.55	+11	25.68	+10	26.51	+11	55.11	+ 9	19.54	+ 7
	28	43.86	− 2	33.92	+10	25.65	− 5	26.88	+10	55.30	+ 5	19.83	+ 9
	29	43.80	− 5	34.28	+ 8	25.60	−16	27.25	+ 8	55.50	+ 2	20.12	+ 9
	30	43.74	− 7	34.64	+ 4	25.54	−23	27.62	+ 5	55.68	− 2	20.42	+ 8
	31	43.67	− 7	34.99	0	25.46	−26	27.99	+ 1	55.87	− 5	20.72	+ 6
Nov.	1	43.60	− 7	35.35	− 3	25.36	−25	28.36	− 2	56.05	− 6	21.02	+ 2
	2	43.52	− 5	35.70	− 6	25.24	−18	28.73	− 5	56.23	− 7	21.32	− 1
	3	43.44	− 3	36.05	− 8	25.10	−10	29.10	− 8	56.40	− 7	21.62	− 5
	4	43.36	0	36.40	− 9	24.95	+ 1	29.47	− 9	56.57	− 5	21.92	− 7
	5	43.27	+ 3	36.75	− 8	24.78	+11	29.83	− 9	56.74	− 3	22.23	− 9
	6	43.17	+ 5	37.09	− 6	24.59	+20	30.20	− 7	56.90	0	22.54	− 9
	7	43.07	+ 7	37.44	− 3	24.38	+24	30.56	− 4	57.06	+ 2	22.86	− 7
	8	42.97	+ 7	37.77	0	24.16	+23	30.92	− 1	57.21	+ 4	23.17	− 5
	9	42.86	+ 5	38.11	+ 3	23.92	+17	31.28	+ 2	57.36	+ 5	23.48	− 1
	10	42.75	+ 2	38.44	+ 5	23.66	+ 6	31.63	+ 5	57.51	+ 4	23.80	+ 3
	11	42.63	− 2	38.77	+ 6	23.38	− 7	31.98	+ 6	57.65	+ 2	24.12	+ 6
	12	42.51	− 6	39.10	+ 4	23.08	−21	32.33	+ 5	57.79	− 1	24.44	+ 8
	13	42.38	− 8	39.43	+ 1	22.77	−30	32.68	+ 2	57.92	− 5	24.76	+ 7
	14	42.25	− 9	39.75	− 2	22.44	−33	33.03	− 1	58.05	− 7	25.08	+ 5
	15	42.12	− 8	40.07	− 6	22.09	−29	33.37	− 5	58.17	− 9	25.40	+ 1
	16	41.98	− 4	40.38	− 8	21.72	−16	33.71	− 7	58.29	− 8	25.73	− 3
	17	41.84	0	40.70	− 8	21.33	− 1	34.05	− 8	58.40	− 5	26.05	− 7
	18	41.69	+ 4	41.00	− 6	20.93	+15	34.39	− 7	58.51	− 1	26.38	− 8
	19	41.54	+ 8	41.31	− 3	20.52	+28	34.73	− 4	58.61	+ 4	26.71	− 8
	20	41.39	+10	41.61	+ 2	20.09	+35	35.06	0	58.71	+ 7	27.04	− 6
	21	41.23	+10	41.91	+ 6	19.64	+34	35.39	+ 5	58.81	+10	27.37	− 2
	22	41.07	+ 7	42.20	+ 9	19.17	+26	35.72	+ 8	58.90	+11	27.70	+ 2
	23	40.90	+ 4	42.49	+11	18.68	+14	36.04	+11	58.99	+ 9	28.04	+ 6
	24	40.73	0	42.78	+11	18.17	+ 1	36.36	+11	59.07	+ 7	28.37	+ 9
	25	40.55	− 3	43.06	+ 9	17.65	−11	36.67	+ 9	59.15	+ 3	28.70	+10
	26	40.37	− 6	43.34	+ 6	17.11	−21	36.98	+ 7	59.22	0	29.03	+ 9
	27	40.19	− 7	43.61	+ 2	16.55	−25	37.29	+ 3	59.29	− 3	29.37	+ 7
	28	40.00	− 7	43.87	− 2	15.98	−25	37.60	− 1	59.36	− 6	29.70	+ 4
	29	39.81	− 6	44.14	− 5	15.40	−20	37.90	− 4	59.42	− 7	30.03	0
sec δ, tg δ		85° 49′ 30″	13.736	+13.699		88° 52′ 30″	50.933	+50.923		85° 20′ 20″	12.306	+12.265	
		40	13.745	+13.708		40	51.059	+51.049		30	12.313	+12.273	

1918	51 Hev. Cephei $5^m.2$				1 Hev. Draconis $4^m.3$				ε Ursae minoris $4^m.2$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$7^h\ 3^m$	in $0^s.01$	+87° 10′	in $0''.01$	$9^h\ 25^m$	in $0^s.01$	+81° 40′	in $0''.01$	$16^h\ 54^m$	in $0^s.01$	+82° 10′	in $0''.01$
Okt. 23	$12^s.82$	+ 1	$22''.97$	−10	$36^s.68$	− 2	$50''.13$	− 9	$5^s.05$	− 1	$36''.57$	+ 9
24	13.33	+ 8	23.00	−10	36.84	+ 1	49.94	−11	4.91	− 3	36.33	+ 7
25	13.85	+13	23.04	− 8	37.00	+ 3	49.75	−11	4.77	− 4	36.09	+ 4
26	14.36	+16	23.09	− 4	37.16	+ 5	49.56	− 9	4.63	− 4	35.84	0
27	14.87	+17	23.14	0	37.32	+ 6	49.38	− 6	4.50	− 3	35.59	− 4
28	15.38	+14	23.20	+ 4	37.48	+ 6	49.20	− 2	4.37	− 2	35.33	− 7
29	15.88	+10	23.26	+ 6	37.64	+ 5	49.02	+ 1	4.24	− 1	35.08	− 9
30	16.39	+ 5	23.32	+ 8	37.81	+ 3	48.85	+ 5	4.11	0	34.81	− 9
31	16.89	− 1	23.39	+ 8	37.97	+ 1	48.69	+ 7	3.99	+ 1	34.55	− 8
Nov. 1	17.39	− 6	23.47	+ 6	38.14	− 1	48.53	+ 7	3.87	+ 2	34.28	− 5
2	17.89	−10	23.55	+ 4	38.30	− 3	48.38	+ 7	3.75	+ 3	34.01	− 2
3	18.38	−13	23.63	+ 1	38.47	− 4	48.23	+ 5	3.63	+ 3	33.73	+ 2
4	18.87	−13	23.72	− 2	38.64	− 5	48.09	+ 3	3.51	+ 2	33.45	+ 5
5	19.36	−11	23.82	− 5	38.81	− 5	47.95	0	3.39	+ 2	33.17	+ 7
6	19.85	− 8	23.92	− 7	38.98	− 4	47.82	− 3	3.28	+ 1	32.88	+ 9
7	20.33	− 4	24.02	− 7	39.15	− 3	47.69	− 5	3.17	0	32.59	+ 9
8	20.81	+ 1	24.13	− 6	39.32	− 1	47.57	− 6	3.06	− 1	32.29	+ 7
9	21.29	+ 5	24.25	− 4	39.50	+ 1	47.45	− 5	2.95	− 2	32.00	+ 4
10	21.76	+ 8	24.37	0	39.67	+ 3	47.34	− 3	2.85	− 2	31.70	0
11	22.23	+ 8	24.49	+ 4	39.84	+ 4	47.23	0	2.75	− 1	31.39	− 4
12	22.70	+ 5	24.62	+ 7	40.01	+ 4	47.13	+ 4	2.65	0	31.09	− 7
13	23.16	0	24.76	+ 9	40.18	+ 2	47.03	+ 7	2.56	+ 1	30.78	− 8
14	23.62	− 5	24.90	+ 9	40.35	0	46.94	+ 9	2.47	+ 2	30.47	− 7
15	24.08	− 9	25.04	+ 7	40.52	− 2	46.85	+ 9	2.38	+ 3	30.16	− 5
16	24.53	−12	25.19	+ 2	40.69	− 4	46.77	+ 6	2.29	+ 3	29.84	− 1
17	24.98	−12	25.34	− 2	40.86	− 4	46.70	+ 2	2.21	+ 2	29.52	+ 3
18	25.42	− 8	25.50	− 6	41.03	− 4	46.63	− 2	2.12	+ 1	29.20	+ 7
19	25.86	− 2	25.66	− 9	41.21	− 3	46.56	− 7	2.05	0	28.87	+ 9
20	26.29	+ 4	25.83	−10	41.38	− 1	46.51	−10	1.97	− 2	28.55	+ 8
21	26.72	+11	26.00	− 9	41.55	+ 2	46.45	−11	1.90	− 3	28.22	+ 6
22	27.15	+15	26.18	− 5	41.73	+ 4	46.40	−10	1.83	− 4	27.89	+ 2
23	27.57	+17	26.36	− 2	41.90	+ 5	46.36	− 7	1.76	− 4	27.56	− 2
24	27.98	+16	26.54	+ 2	42.08	+ 6	46.32	− 4	1.69	− 3	27.22	− 6
25	28.39	+12	26.73	+ 5	42.25	+ 5	46.29	0	1.63	− 2	26.89	− 8
26	28.79	+ 7	26.92	+ 7	42.42	+ 4	46.26	+ 3	1.57	0	26.55	− 9
27	29.19	+ 2	27.12	+ 8	42.59	+ 2	46.24	+ 6	1.51	+ 1	26.21	− 8
28	29.58	− 4	27.32	+ 7	42.76	0	46.23	+ 7	1.46	+ 2	25.87	− 6
29	29.97	− 8	27.53	+ 5	42.93	− 2	46.22	+ 7	1.41	+ 2	25.52	− 3
sec δ, tg δ	87° 10′ 20″		20.270	+20.245	81° 40′ 40″		6.909	+6.836	82° 10′ 30″		7.345	+7.277
	30		20.290	+20.265	50		6.911	+6 839	40		7.348	+7.279

1918	δ Ursae minoris 4m.3				λ Ursae minoris 6m.8				76 Draconis 6m.0			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	17h 57m	in 0.01 s	+86° 37'	in 0.01 "	18h 58m	in 0.01 s	+89° 1'	in 0.01 "	20h 48m	in 0.01 s	+82° 14'	in 0.01 "
Okt. 23	68.49	− 1	9.90	+ 9	107.44	+ 6	33.95	+ 9	34.10	+ 3	19.64	+ 8
24	68.10	− 5	9.75	+ 9	105.97	−10	33.91	+10	33.93	+ 2	19.76	+10
25	67.72	− 8	9.60	+ 7	104.51	−25	33.86	+ 9	33.76	0	19.88	+11
26	67.33	−11	9.45	+ 3	103.05	−36	33.81	+ 6	33.60	− 1	19.99	+10
27	66.95	−11	9.29	− 1	101.60	−42	33.75	+ 2	33.43	− 3	20.10	+ 7
28	66.57	−10	9.13	− 4	100.15	−40	33.69	− 2	33.26	− 4	20.20	+ 3
29	66.20	− 7	8.96	− 7	98.71	−32	33.62	− 5	33.09	− 4	20.30	− 1
30	65.83	− 3	8.78	− 8	97.28	−20	33.54	− 7	32.92	− 3	20.39	− 4
31	65.46	0	8.61	− 8	95.85	− 6	33.46	− 8	32.75	− 2	20.48	− 6
Nov. 1	65.10	+ 4	8.42	− 6	94.43	+ 8	33.37	− 7	32.58	− 1	20.56	− 7
2	64.74	+ 6	8.24	− 4	93.02	+20	33.28	− 5	32.40	0	20.63	− 7
3	64.38	+ 8	8.05	0	91.61	+28	33.19	− 2	32.23	+ 2	20.70	− 5
4	64.03	+ 8	7.85	+ 3	90.21	+33	33.09	+ 1	32.06	+ 3	20.76	− 3
5	63.68	+ 7	7.65	+ 6	88.83	+32	32.99	+ 3	31.89	+ 3	20.82	0
6	63.33	+ 5	7.45	+ 8	87.45	+26	32.88	+ 6	31.72	+ 4	20.87	+ 2
7	62.99	+ 2	7.24	+ 8	86.08	+16	32.77	+ 7	31.55	+ 3	20.92	+ 5
8	62.65	− 1	7.03	+ 7	84.72	+ 4	32.65	+ 7	31.38	+ 2	20.96	+ 6
9	62.32	− 3	6.82	+ 5	83.37	− 8	32.52	+ 5	31.20	+ 1	20.99	+ 6
10	61.99	− 5	6.60	+ 1	82.03	−17	32.39	+ 2	31.03	− 1	21.02	+ 4
11	61.67	− 5	6.37	− 3	80.71	−21	32.25	− 2	30.86	− 2	21.04	+ 1
12	61.35	− 3	6.15	− 7	79.39	−18	32.11	− 6	30.69	− 3	21.06	− 3
13	61.04	0	5.91	− 9	78.08	− 9	31.96	− 9	30.52	− 3	21.07	− 7
14	60.73	+ 3	5.68	− 9	76.79	+ 4	31.81	− 9	30.35	− 2	21.08	− 9
15	60.42	+ 6	5.44	− 7	75.51	+17	31.66	− 8	30.18	− 1	21.08	− 9
16	60.12	+ 8	5.19	− 3	74.24	+27	31.50	− 5	30.01	+ 1	21.07	− 8
17	59.83	+ 8	4.94	+ 2	72.99	+31	31.34	0	29.84	+ 2	21.06	− 4
18	59.54	+ 6	4.69	+ 6	71.74	+26	31.17	+ 4	29.68	+ 3	21.04	+ 1
19	59.26	+ 2	4.43	+ 9	70.51	+15	30.99	+ 8	29.51	+ 3	21.02	+ 6
20	58.98	− 3	4.18	+ 9	69.30	− 1	30.81	+10	29.34	+ 2	20.99	+ 9
21	58.71	− 7	3.91	+ 8	68.10	−18	30.63	+ 9	29.18	+ 1	20.95	+11
22	58.44	−10	3.65	+ 5	66.92	−32	30.44	+ 7	29.01	− 1	20.91	+10
23	58.18	−11	3.38	+ 1	65.75	−40	30.25	+ 3	28.84	− 2	20.87	+ 8
24	57.92	−10	3.11	− 3	64.59	−41	30.06	0	28.68	− 3	20.81	+ 4
25	57.67	− 8	2.83	− 6	63.44	−36	29.86	− 4	28.51	− 4	20.75	+ 1
26	57.42	− 5	2.55	− 8	62.32	−26	29.65	− 6	28.35	− 4	20.69	− 3
27	57.18	− 1	2.27	− 8	61.22	−12	29.44	− 8	28.19	− 3	20.62	− 6
28	56.95	+ 2	1.98	− 7	60.13	+ 2	29.22	− 7	28.03	− 2	20.54	− 7
29	56.73	+ 5	1.69	− 5	59.06	+15	29.00	− 6	27.87	0	20.46	− 7
sec δ, tg δ	86° 37' 0"		16.945	+16.915	89° 1' 30"		58.768	+58.759	82° 14' 20"		7.405	+7.337
	10		16.958	+16.929	40		58.936	+58.927	30		7.408	+7.340

1918	43 Hev. Cephei 4ᵐ.3				α Ursae minoris 2ᵐ.0				Gr. 750 6ᵐ.8			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$0^h 57^m$ s	in s 0.01	+85° 49′ ″	in ″ 0.01	$1^h 31^m$ s	in s 0.01	+88° 52′ ″	in ″ 0.01	$4^h 10^m$ s	in s 0.01	+85° 20′ ″	in ″ 0.01
Nov. 29	39.81	− 6	44.14	− 5	75.40	−20	37.90	− 4	59.42	− 7	30.03	0
30	39.61	− 4	44.39	− 7	74.80	−13	38.19	− 7	59.47	− 7	30.37	− 3
Dez. 1	39.42	− 1	44.65	− 8	74.18	− 3	38.48	− 8	59.52	− 6	30.70	− 6
2	39.21	+ 2	44.90	− 8	73.54	+ 7	38.77	− 9	59.56	− 4	31.03	− 8
3	39.01	+ 5	45.14	− 7	72.89	+17	39.06	− 7	59.60	− 1	31.37	− 9
4	38.80	+ 7	45.38	− 4	72.23	+23	39.34	− 5	59.63	+ 2	31.70	− 8
5	38.59	+ 7	45.62	− 1	71.55	+25	39.62	− 2	59.66	+ 4	32.04	− 6
6	38.37	+ 6	45.85	+ 2	70.85	+21	39.89	+ 2	59.68	+ 5	32.37	− 2
7	38.15	+ 3	46.07	+ 5	70.13	+12	40.16	+ 5	59.70	+ 5	32.70	+ 2
8	37.93	0	46.29	+ 6	69.40	− 1	40.43	+ 6	59.71	+ 3	33.04	+ 5
9	37.70	− 4	46.51	+ 5	68.67	−14	40.69	+ 6	59.72	+ 1	33.37	+ 7
10	37.47	− 7	46.72	+ 3	67.92	−27	40.94	+ 4	59.72	− 3	33.69	+ 8
11	37.24	− 9	46.92	− 1	67.15	−32	41.19	+ 1	59.72	− 6	34.02	+ 6
12	37.01	− 9	47.12	− 4	66.36	−32	41.43	− 3	59.71	− 8	34.35	+ 3
13	36.77	− 6	47.32	− 7	65.57	−22	41.67	− 7	59.70	− 9	34.67	− 1
14	36.53	− 2	47.51	− 9	64.77	− 8	41.91	− 8	59.68	− 7	35.00	− 5
15	36.29	+ 2	47.69	− 8	63.95	+ 8	42.13	− 8	59.66	− 3	35.32	− 8
16	36.04	+ 6	47.87	− 5	63.12	+22	42.35	− 6	59.63	+ 1	35.64	− 9
17	35.79	+ 9	48.04	− 1	62.27	+32	42.57	− 2	59.60	+ 6	35.96	− 7
18	35.54	+10	48.20	+ 4	61.41	+34	42.79	+ 3	59.57	+ 9	36.28	− 4
19	35.29	+ 8	48.36	+ 8	60.53	+29	43.00	+ 7	59.53	+10	36.59	0
20	35.03	+ 5	48.52	+10	59.65	+19	43.20	+10	59.48	+10	36.90	+ 4
21	34.78	+ 1	48.67	+11	58.76	+ 6	43.40	+11	59.43	+ 8	37.21	+ 8
22	34.52	− 2	48.81	+10	57.85	− 8	43.59	+10	59.37	+ 5	37.52	+10
23	34.26	− 5	48.95	+ 7	56.93	−18	43.78	+ 8	59.31	+ 1	37.83	+ 9
24	33.99	− 7	49.08	+ 4	56.00	−24	43.96	+ 4	59.24	− 2	38.14	+ 8
25	33.73	− 7	49.20	0	55.06	−26	44.14	+ 1	59.17	− 5	38.44	+ 5
26	33.46	− 6	49.32	− 4	54.11	−22	44.31	− 3	59.09	− 7	38.74	+ 2
27	33.19	− 4	49.43	− 6	53.15	−17	44.47	− 6	59.01	− 7	39.03	− 2
28	32.92	− 1	49.54	− 8	52.18	− 7	44.63	− 8	58.93	− 6	39.33	− 5
29	32.65	+ 1	49.64	− 8	51.20	+ 3	44.78	− 8	58.84	− 5	39.62	− 7
30	32.37	+ 4	49.73	− 7	50.22	+13	44.92	− 8	58.74	− 2	39.90	− 9
31	32.10	+ 6	49.81	− 5	49.23	+21	45.06	− 6	58.64	+ 1	40.19	− 9
32	31.82	+ 7	49.89	− 2	48.23	+23	45.19	− 3	58.53	+ 3	40.47	− 7
sec δ, tg δ	85° 49′ 40″	13.745	+13.708		88° 52′ 40″	51.059	+51.049		85° 20′ 30″	12.313	+12.273	
	50	13.754	+13.718		50	51.186	+51.176		40	12.321	+12.280	

1918	51 Hev. Cephei $5^m.2$				1 Hev. Draconis $4^m.3$				ε Ursae minoris $4^m.2$			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$7^h\ 3^m$ s	in s 0.01	+87° 10′ ″	in ″ 0.01	$9^h\ 25^m$ s	in s 0.01	+81° 40′ ″	in ″ 0.01	$16^h\ 54^m$ s	in s 0.01	+82° 10′ ″	in ″ 0.01
Nov. 29	29.97	− 8	27.53	+ 5	42.93	− 2	46.22	+ 7	1.41	+ 2	25.52	− 3
30	30.35	−11	27.74	+ 2	43.10	− 3	46.22	+ 6	1.37	+ 2	25.18	0
Dez. 1	30.72	−13	27.95	− 1	43.27	− 5	46.22	+ 4	1.32	+ 2	24.83	+ 3
2	31.09	−12	28.17	− 4	43.44	− 5	46.23	+ 1	1.28	+ 2	24.49	+ 6
3	31.45	− 9	28.39	− 6	43.61	− 5	46.24	− 2	1.24	+ 1	24.14	+ 8
4	31.81	− 5	28.62	− 7	43.78	− 3	46.26	− 4	1.20	0	23.79	+ 9
5	32.16	0	28.85	− 7	43.95	− 2	46.29	− 6	{ 1.17 1.14	− 1 − 2	23.44 23.09	+ 8 + 5
6	32.50	+ 5	29.08	− 5	44.12	+ 1	46.32	− 6	1.12	− 2	22.74	+ 1
7	32.84	+ 8	29.32	− 2	44.28	+ 2	46.36	− 4	1.09	− 2	22.39	− 3
8	33.17	+ 8	29.55	+ 2	44.45	+ 4	46.41	− 2	1.08	− 1	22.03	− 6
9	33.49	+ 7	29.80	+ 6	44.62	+ 4	46.46	+ 2	1.06	0	21.68	− 8
10	33.81	+ 3	30.06	+ 9	44.78	+ 3	46.51	+ 5	1.05	+ 2	21.33	− 8
11	34.12	− 3	30.31	+ 9	44.94	+ 1	46.57	+ 8	1.04	+ 3	20.98	− 6
12	34.42	− 8	30.56	+ 8	45.10	− 1	46.64	+ 9	1.03	+ 3	20.62	− 2
13	34.72	−12	30.83	+ 5	45.26	− 3	46.71	+ 8	1.02	+ 3	20.27	+ 2
14	35.01	−13	31.09	0	45.42	− 4	46.79	+ 5	1.02	+ 2	19.91	+ 6
15	35.29	−11	31.35	− 4	45.58	− 5	46.88	0	1.02	0	19.56	+ 8
16	35.56	− 6	31.62	− 8	45.74	− 4	46.97	− 5	1.03	− 1	19.21	+ 9
17	35.83	+ 1	31.89	−10	45.89	− 2	47.07	− 8	1.04	− 2	18.85	+ 7
18	36.09	+ 7	32.16	− 9	46.04	+ 1	47.17	−10	1.05	− 3	18.50	+ 4
19	36.34	+13	32.44	− 7	46.20	+ 3	47.27	−10	1.06	− 4	18.15	0
20	36.58	+16	32.72	− 3	46.35	+ 5	47.39	− 8	1.08	− 3	17.80	− 4
21	36.81	+16	33.00	+ 1	46.50	+ 6	47.50	− 5	1.10	− 2	17.45	− 7
22	37.04	+13	33.28	+ 4	46.65	+ 6	47.62	− 1	1.12	− 1	17.11	− 9
23	37.25	+ 9	33.57	+ 7	46.80	+ 5	47.75	+ 2	1.15	0	16.76	− 9
24	37.46	+ 4	33.86	+ 8	46.94	+ 3	47.88	+ 5	1.18	+ 1	16.41	− 7
25	37.66	− 2	34.15	+ 7	47.09	+ 1	48.02	+ 7	1.21	+ 2	16.07	− 4
26	37.85	− 7	34.45	+ 6	47.23	− 1	48.16	+ 7	1.25	+ 2	15.73	− 1
27	38.03	−10	34.74	+ 3	47.37	− 3	48.31	+ 6	1.29	+ 2	15.39	+ 2
28	38.21	−12	35.04	0	47.51	− 4	48.47	+ 5	1.33	+ 2	15.05	+ 5
29	38.38	−12	35.34	− 3	47.64	− 5	48.63	+ 2	1.37	+ 1	14.71	+ 7
30	38.53	−10	35.65	− 5	47.78	− 5	48.79	− 1	1.42	0	14.38	+ 9
31	38.68	− 6	35.95	− 7	47.91	− 4	48.96	− 4	1.47	− 1	14.04	+ 8
32	38.82	− 2	36.26	− 7	48.04	− 2	49.14	− 5	1.52	− 1	13.71	+ 6
sec δ, tg δ	87° 10′ 30″ 40	20.290 20.310	+20.265 +20.285		81° 40′ 40″ 50	6.909 6.911	+6.836 +6.839		82° 10′ 10″ 20	7.340 7.342	+7.271 +7.274	

1918	δ Ursae minoris 4m.3 AR.	☾ Gl.	Dekl.	☾ Gl.	λ Ursae minoris 6m.8 AR.	☾ Gl.	Dekl.	☾ Gl.	76 Draconis 6m.0 AR.	☾ Gl.	Dekl.	☾ Gl.
	17h 57m s	in s 0.01	+86° 36′ ″	in ″ 0.01	18h 58m s	in s 0.01	+89° 1′ ″	in ″ 0.01	20h 48m s	in s 0.01	+82° 14′ ″	in ″ 0.01
Nov. 29	56.73	+ 5	61.69	− 5	59.06	+15	29.00	− 6	27.87	0	20.46	− 7
30	56.51	+ 7	61.40	− 2	58.00	+24	28.78	− 3	27.71	+ 1	20.37	− 6
Dez. 1	56.30	+ 8	61.11	+ 1	56.96	+30	28.55	0	27.55	+ 2	20.28	− 4
2	56.09	+ 7	60.81	+ 5	55.94	+31	28.32	+ 3	27.39	+ 3	20.18	− 1
3	55.89	+ 5	60.51	+ 7	54.94	+27	28.09	+ 5	27.24	+ 4	20.07	+ 2
4	55.69	+ 2	60.21	+ 8	53.96	+19	27.85	+ 7	27.09	+ 3	19.96	+ 4
5	55.50	0	59.91	+ 8	52.99	+ 7	27.61	+ 7	26.93	+ 2	19.84	+ 6
6	55.31	− 3	59.60	+ 6	52.05	− 5	27.36	+ 6	26.78	+ 1	19.72	+ 6
7	55.13	− 5	59.29	+ 3	51.13	−16	27.11	+ 4	26.63	0	19.59	+ 5
8	54.96	− 5	58.98	− 1	50.23	−22	26.85	0	26.48	− 2	19.46	+ 2
9	54.80	− 4	58.67	− 5	49.34	−21	26.59	− 4	26.33	− 3	19.32	− 1
10	54.65	− 2	58.35	− 8	48.46	−14	26.33	− 7	26.19	− 3	19.17	− 5
11	54.50	+ 2	58.03	− 9	47.62	− 2	26.07	− 9	26.04	− 3	19.02	− 8
12	54.35	+ 5	57.71	− 8	46.80	+12	25.80	− 9	25.90	− 1	18.87	− 9
13	54.22	+ 8	57.39	− 5	46.00	+24	25.53	− 7	25.76	0	18.71	− 9
14	54.08	+ 8	57.07	0	45.22	+31	25.26	− 2	25.62	+ 2	18.54	− 6
15	53.96	+ 7	56.75	+ 4	44.46	+30	24.98	+ 2	25.48	+ 3	18.37	− 2
16	53.85	+ 4	56.42	+ 7	43.73	+22	24.70	+ 6	25.35	+ 3	18.20	+ 3
17	53.74	0	56.09	+ 9	43.02	+ 8	24.42	+ 9	25.22	+ 3	18.02	+ 8
18	53.64	− 4	55.76	+ 9	42.33	− 8	24.13	+10	25.08	+ 2	17.83	+10
19	53.55	− 8	55.44	+ 6	41.66	−25	23.84	+ 8	24.96	0	17.64	+10
20	53.46	−10	55.11	+ 2	41.02	−36	23.55	+ 5	24.83	− 1	17.45	+ 9
21	{53.39 53.32	−10 − 9	54.77 54.44	− 2 − 5	40.40	−40	23.26	+ 1	24.70	− 3	17.24	+ 6
22	53.25	− 6	54.11	− 8	39.80	−38	22.96	− 3	24.58	− 4	17.04	+ 2
23	53.20	− 2	53.77	− 8	39.23	−30	22.66	− 6	24.46	− 4	16.83	− 2
24	53.15	+ 1	53.44	− 8	38.68	−17	22.36	− 7	24.33	− 3	16.61	− 5
25	53.11	+ 4	53.10	− 6	38.15	− 3	22.06	− 8	24.22	− 2	16.39	− 7
26	53.08	+ 6	52.76	− 3	37.65	+10	21.75	− 7	24.10	− 1	16.16	− 7
27	53.05	+ 7	52.42	0	37.17	+21	21.44	− 5	23.99	+ 1	15.93	− 7
28	53.03	+ 7	52.09	+ 3	36.72	+28	21.13	− 2	23.88	+ 2	15.69	− 5
29	53.02	+ 6	51.75	+ 6	36.30	+31	20.82	+ 1	23.77	+ 3	15.45	− 2
30	53.01	+ 4	51.42	+ 8	35.89	+29	20.50	+ 4	23.67	+ 3	15.21	0
31	53.01	+ 1	51.08	+ 8	35.51	+22	20.19	+ 6	23.57	+ 3	14.96	+ 3
32	53.03	− 2	50.75	+ 7	35.16	+11	19.88	+ 7	23.47	+ 3	14.71	+ 6
sec δ, tg δ	86° 36′ 50″ 60	16.931 16.945	+16.901 +16.915		89° 1′ 20″ 30	58.601 58.768	+58.592 +58.759		82° 14′ 10″ 20	7.402 7.405	+7.335 +7.337	

1918	Octantis 4 G. 6^m				ζ Octantis 6^m–5^m				ι Octantis 6^m–5^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	1^h 41^m	in 0.01^s	−85° 11′	in 0.01″	9^h 9^m	in 0.01^s	−85° 20′	in 0.01″	12^h 46^m	in 0.01^s	−84° 40′	in 0.01″
Jan. 0	62.10	0	16.54	+ 9	1.26	− 5	4.82	− 3	15.02	− 1	28.70	− 9
1	61.83	+ 3	16.57	+ 8	1.39	− 6	5.16	0	15.28	− 3	28.79	− 7
2	61.55	+ 5	16.59	+ 6	1.52	− 6	5.50	+ 4	15.55	− 5	28.88	− 3
3	61.28	+ 6	16.61	+ 3	1.65	− 5	5.84	+ 7	15.81	− 6	28.97	+ 1
4	61.00	+ 6	16.62	− 1	1.77	− 3	6.18	+ 8	16.07	− 6	29.08	+ 4
5	60.73	+ 5	16.62	− 4	1.88	0	6.53	+ 9	16.33	− 5	29.19	+ 7
6	60.45	+ 3	16.62	− 8	1.99	+ 3	6.88	+ 8	16.59	− 3	29.30	+10
7	60.18	+ 1	16.62	−10	2.10	+ 5	7.23	+ 6	16.85	− 1	29.42	+10
8	59.90	− 2	16.60	−11	2.20	+ 7	7.59	+ 2	17.11	+ 2	29.55	+ 9
9	59.63	− 4	16.58	−10	2.29	+ 7	7.95	− 1	17.36	+ 4	29.68	+ 7
10	59.35	− 6	16.56	− 7	2.38	+ 6	8.31	− 5	17.62	+ 6	29.82	+ 3
11	59.07	− 6	16.53	− 3	2.47	+ 4	8.68	− 7	17.88	+ 6	29.97	− 1
12	58.79	− 5	16.49	+ 2	2.55	+ 1	9.05	− 7	18.13	+ 5	30.12	− 5
13	58.51	− 3	16.44	+ 6	2.63	− 3	9.41	− 6	18.39	+ 2	30.28	− 8
14	58.23	+ 1	16.39	+ 8	2.70	− 6	9.78	− 3	18.64	− 1	30.44	− 8
15	57.95	+ 4	16.33	+ 9	2.76	− 7	10.16	+ 1	18.89	− 4	30.61	− 7
16	57.67	+ 6	16.27	+ 7	2.83	− 7	10.53	+ 5	19.14	− 6	30.78	− 4
17	57.40	+ 7	16.20	+ 4	2.88	− 5	10.90	+ 7	19.38	− 7	30.96	0
18	57.13	+ 6	16.13	0	2.93	− 2	11.28	+ 8	19.63	− 5	31.14	+ 4
19	56.85	+ 4	16.05	− 4	2.98	+ 1	11.65	+ 6	19.87	− 3	31.33	+ 6
20	56.58	0	15.96	− 6	3.02	+ 4	12.03	+ 3	20.11	0	31.52	+ 7
21	56.31	− 3	15.87	− 7	3.06	+ 6	12.41	− 1	20.35	+ 4	31.72	+ 5
22	56.03	− 6	15.77	− 5	3.09	+ 6	12.80	− 5	20.59	+ 6	31.93	+ 2
23	55.76	− 7	15.66	− 3	3.12	+ 4	13.18	− 9	20.83	+ 8	32.15	− 2
24	55.49	− 7	15.55	+ 1	3.15	+ 2	13.56	−10	21.06	+ 7	32.36	− 5
25	55.22	− 6	15.43	+ 5	3.16	− 1	13.95	−10	21.29	+ 6	32.59	− 8
26	54.95	− 4	15.31	+ 8	3.18	− 4	14.33	− 8	21.52	+ 3	32.81	− 9
27	54.68	− 1	15.18	+ 9	3.19	− 5	14.71	− 5	21.75	0	33.04	− 9
28	54.41	+ 2	15.05	+ 9	3.19	− 6	15.10	− 1	21.98	− 3	33.28	− 7
29	54.15	+ 4	14.91	+ 7	3.19	− 6	15.48	+ 3	22.21	− 5	33.52	− 4
30	53.88	+ 6	14.76	+ 4	3.18	− 5	15.87	+ 6	22.43	− 6	33.76	− 1
31	53.61	+ 6	14.61	+ 1	3.17	− 3	16.26	+ 8	22.65	− 7	34.01	+ 3
Febr. 1	53.35	+ 6	14.45	− 3	3.15	0	16.65	+ 9	22.87	− 6	34.27	+ 6
2	53.09	+ 4	14.29	− 7	3.13	+ 2	17.04	+ 9	23.09	− 4	34.52	+ 9
3	52.83	+ 2	14.12	− 9	3.10	+ 5	17.43	+ 7	23.30	− 2	34.79	+11
4	52.57	− 1	13.94	−11	3.07	+ 7	17.82	+ 4	23.51	+ 1	35.06	+10
5	52.32	− 3	13.77	−11	3.04	+ 8	18.21	0	23.72	+ 3	35.33	+ 9
6	52.06	− 5	13.58	− 9	3.00	+ 7	18.59	− 3	23.92	+ 5	35.60	+ 5
sec δ, tg δ	85° 11′ 10″	11.916	−11.874		85° 20′ 10″	12.298	−12.258		84° 40′ 30″	10.775	−10.729	
	20	11.923	−11.881		20	12.306	−12.265		40	10.781	−10.734	

1918	Octantis 20 G. 7^m				Octantis 26 G. 6^m–7^m				χ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	14ʰ 46ᵐ	in 0.01 ˢ	−87° 48′	in 0.01 ″	16ʰ 29ᵐ	in 0.01 ˢ	−86° 12′	in 0.01 ″	18ʰ 6ᵐ	in 0.01 ˢ	−87° 39′	in 0.01 ″
Jan. 0	27.05	+ 4	53.19	− 9	52.65	+ 6	57.53	− 7	27.41	+12	48.22	− 5
1	27.66	− 3	53.09	− 8	52.92	+ 2	57.29	− 8	27.64	+ 8	47.89	− 7
2	28.27	−10	52.99	− 6	53.20	− 2	57.05	− 8	27.88	+ 1	47.56	− 8
3	28.88	−14	52.89	− 3	53.48	− 6	56.82	− 6	28.12	− 5	47.24	− 8
4	29.49	−16	52.80	0	53.76	− 9	56.59	− 3	28.38	−11	46.92	− 6
5	30.11	−16	52.72	+ 4	54.05	−11	56.37	0	28.65	−15	46.60	− 4
6	30.73	−14	52.64	+ 7	54.34	−11	56.15	+ 4	28.92	−18	46.29	0
7	31.36	− 9	52.56	+10	54.64	−10	55.93	+ 7	29.20	−18	45.97	+ 3
8	31.99	− 2	52.49	+10	54.94	− 6	55.72	+ 9	29.50	−15	45.66	+ 7
9	32.62	+ 4	52.43	+ 9	55.25	− 2	55.51	+10	29.80	− 9	45.35	+ 8
10	33.26	+10	52.37	+ 7	55.56	+ 3	55.31	+ 8	30.11	− 2	45.05	+ 9
11	33.91	+13	52.32	+ 2	55.88	+ 6	55.11	+ 5	30.43	+ 6	44.74	+ 7
12	34.56	+13	52.27	− 2	56.19	+ 8	54.92	+ 1	30.77	+12	44.43	+ 4
13	35.21	+10	52.24	− 6	56.52	+ 8	54.73	− 4	31.11	+14	44.13	− 1
14	35.86	+ 3	52.20	− 9	56.84	+ 6	54.54	− 8	31.45	+13	43.83	− 5
15	36.51	− 4	52.18	− 9	57.17	+ 2	54.37	−10	31.81	+ 9	43.54	− 8
16	37.16	−10	52.16	− 8	57.50	− 2	54.19	− 9	32.18	+ 2	43.24	−10
17	37.82	−14	52.14	− 4	57.84	− 6	54.02	− 7	32.55	− 5	42.96	− 9
18	38.48	−14	52.13	0	58.18	− 8	53.86	− 3	32.93	−10	42.67	− 5
19	39.13	−10	52.13	+ 3	58.52	− 8	53.70	+ 2	33.32	−12	42.39	− 1
20	39.79	− 4	52.13	+ 7	58.87	− 5	53.55	+ 6	33.72	−11	42.11	+ 4
21	40.46	+ 5	52.14	+ 7	59.23	− 1	53.40	+ 8	34.13	− 6	41.83	+ 7
22	41.12	+12	52.15	+ 6	59.58	+ 4	53.25	+ 9	34.55	0	41.56	+10
23	41.79	+17	52.17	+ 3	59.94	+ 8	53.11	+ 7	34.98	+ 7	41.29	+ 9
24	42.45	+19	52.20	0	60.30	+11	52.98	+ 4	35.41	+13	41.02	+ 7
25	43.11	+18	52.23	− 4	60.67	+12	52.85	0	35.85	+17	40.76	+ 4
26	43.78	+13	52.27	− 7	61.03	+10	52.72	− 4	36.29	+17	40.50	0
27	44.44	+ 6	52.31	− 9	61.40	+ 8	52.60	− 7	36.74	+15	40.24	− 4
28	45.10	− 1	52.36	− 8	61.77	+ 4	52.49	− 8	37.20	+10	39.99	− 6
29	45.77	− 7	52.42	− 7	62.14	0	52.38	− 8	37.67	+ 4	39.74	− 8
30	46.43	−13	52.48	− 5	62.51	− 5	52.27	− 7	38.14	− 3	39.49	− 8
31	47.10	−16	52.55	− 1	62.89	− 8	52.17	− 5	38.63	− 9	39.25	− 7
Febr. 1	47.77	−17	52.62	+ 2	63.27	−11	52.08	− 2	39.12	−14	39.01	− 5
2	48.43	−15	52.70	+ 6	63.66	−11	51.99	+ 2	39.62	−18	38.77	− 2
3	49.09	−11	52.78	+ 9	64.04	−11	51.90	+ 6	40.12	−19	38.54	+ 2
4	49.75	− 6	52.87	+11	64.43	− 8	51.82	+ 9	40.63	−17	38.32	+ 5
5	50.41	+ 1	52.96	+11	64.81	− 4	51.75	+10	41.14	−12	38.09	+ 8
6	51.07	+ 7	53.06	+ 9	65.20	0	51.68	+10	41.66	− 5	37.88	+ 9
sec δ, tg δ	87° 48′ 50″	26.215	−26.196		86° 12′ 50″	15.144	−15.111		87° 39′ 40″	24.504	−24.483	
	60	26.249	−26.230		60	15.155	−15.122		50	24.533	−24.513	

1918	σ Octantis 6ᵐ				β Octantis 4ᵐ.1				τ Octantis 6ᵐ			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$19^h 28^m$	in ^{s} 0.01	−89° 13′	in ″ 0.01	$22^h 37^m$	in ^{s} 0.01	−81° 48′	in ″ 0.01	$23^h 15^m$	in ^{s} 0.01	−87° 56′	in ″ 0.01
Jan. 0	^{s} 12.05	+47	″ 22.96	+ 1	^{s} 42.96	+ 4	″ 54.81	+ 8	^{s} 69.47	+ 9	″ 11.03	+ 8
1	12.07	+44	22.61	− 3	42.85	+ 5	54.59	+ 4	68.93	+14	10.84	+ 6
2	12.12	+34	22.25	− 5	42.74	+ 5	54.36	0	68.39	+16	10.64	+ 2
3	12.20	+18	21.90	− 7	42.63	+ 4	54.13	− 4	67.86	+15	10.44	− 2
4	12.31	− 1	21.54	− 8	42.53	+ 2	53.89	− 7	67.33	+12	10.23	− 5
5	12.45	−21	21.19	− 7	42.42	0	53.65	−10	66.81	+ 7	10.01	− 8
6	12.62	−37	20.83	− 6	42.32	− 2	53.40	−10	66.30	0	9.79	−10
7	12.82	−49	20.47	− 3	42.22	− 4	53.15	− 9	65.80	− 7	9.57	−10
8	13.06	−54	20.11	0	42.12	− 5	52.90	− 8	65.30	−13	9.34	− 9
9	13.32	−50	19.76	+ 3	42.03	− 6	52.64	− 4	64.80	−17	9.10	− 6
10	13.62	−37	19.40	+ 6	41.93	− 5	52.38	− 1	64.32	−18	8.86	− 2
11	13.94	−18	19.04	+ 8	41.84	− 4	52.11	+ 3	63.84	−16	8.62	+ 2
12	{14.30 / 14.68	+ 5 / +26	18.68 / 18.33	+ 8 / + 5	41.75	− 1	51.83	+ 6	63.36	− 9	8.37	+ 5
13	15.10	+40	17.97	+ 2	41.66	+ 1	51.55	+ 8	62.89	− 1	8.11	+ 8
14	15.54	+45	17.62	− 3	41.58	+ 3	51.27	+ 7	62.43	+ 8	7.85	+ 8
15	16.01	+38	17.26	− 6	41.49	+ 5	50.98	+ 4	61.98	+15	7.59	+ 6
16	16.51	+22	16.90	− 9	41.41	+ 5	50.69	+ 1	61.53	+19	7.32	+ 2
17	17.04	+ 2	16.55	− 9	41.33	+ 4	50.40	− 3	61.09	+18	7.05	− 2
18	17.60	−18	16.20	− 7	41.25	+ 2	50.10	− 6	60.66	+13	6.77	− 5
19	18.19	−31	15.85	− 3	41.18	0	49.80	− 6	60.24	+ 5	6.49	− 7
20	18.80	−35	15.50	+ 2	41.10	− 2	49.50	− 6	59.82	− 4	6.20	− 7
21	19.45	−29	15.15	+ 6	41.03	− 4	49.19	− 4	59.41	−12	5.91	− 4
22	20.12	−15	14.81	+ 9	40.96	− 4	48.87	0	59.01	−17	5.61	− 1
23	20.82	+ 4	14.46	+10	40.89	− 4	48.56	+ 4	58.62	−17	5.31	+ 3
24	21.55	+23	14.12	+ 9	40.82	− 2	48.23	+ 8	58.23	−14	5.00	+ 7
25	22.31	+38	13.78	+ 7	40.76	0	47.91	+10	57.85	− 8	4.70	+ 9
26	23.10	+45	13.44	+ 3	40.70	+ 2	47.58	+10	57.49	0	4.38	+10
27	23.91	+46	13.10	− 1	40.64	+ 3	47.25	+ 9	57.13	+ 7	4.07	+ 9
28	24.75	+38	12.76	− 4	40.58	+ 4	46.92	+ 6	56.77	+13	3.75	+ 7
29	25.61	+25	12.42	− 7	40.53	+ 5	46.59	+ 2	56.43	+16	3.43	+ 3
30	26.50	+ 7	12.09	− 9	40.48	+ 4	46.25	− 2	56.10	+16	3.10	0
31	27.42	−12	11.76	− 9	40.43	+ 3	45.91	− 5	55.77	+14	2.77	− 4
Febr. 1	28.36	−31	11.43	− 7	40.38	+ 1	45.57	− 8	55.45	+ 9	2.44	− 7
2	29.33	−46	11.11	− 5	40.34	− 1	45.22	−10	55.14	+ 3	2.10	− 9
3	30.32	−54	10.78	− 2	40.29	− 3	44.87	−10	54.84	− 4	1.76	−10
4	31.33	−54	10.46	+ 2	40.25	− 5	44.52	− 9	54.55	−11	1.42	−10
5	32.37	−46	10.14	+ 5	40.22	− 6	44.17	− 6	54.27	−16	1.07	− 8
6	33.44	−29	9.83	+ 7	40.18	− 6	43.81	− 3	54.00	−19	0.73	− 4
sec δ, tg δ	89°13′10″	73.406	−73.399		81°48′40″	7.021	−6.949		87°56′ 0″	27.730	−27.712	
	20	73.668	−73.661		50	7.023	−6.951		10	27.767	−27.749	

1918	Octantis 4 G. 6ᵐ				ζ Octantis 6ᵐ – 5ᵐ				ι Octantis 6ᵐ – 5ᵐ			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$1^h 41^m$	in s 0.01	−85° 11′	in ″ 0.01	$9^h 8^m$	in s 0.01	−85° 20′	in ″ 0.01	$12^h 46^m$	in s 0.01	−84° 40′	in ″ 0.01
Febr. 6	52.06	−5	13.58	−9	63.00	+7	18.59	−3	23.92	+5	35.60	+5
7	51.81	−6	13.39	−5	62.96	+5	18.97	−6	24.12	+6	35.89	+1
8	51.56	−5	13.20	−1	62.91	+2	19.36	−7	24.32	+5	36.17	−3
9	51.31	−4	13.00	+4	62.86	−1	19.74	−6	24.52	+3	36.46	−6
10	51.06	−1	12.79	+7	62.80	−4	20.13	−4	24.72	0	36.76	−8
11	50.81	+3	12.58	+9	62.74	−6	20.51	0	24.91	−3	37.06	−7
12	50.57	+5	12.36	+8	62.67	−7	20.90	+3	25.10	−6	37.36	−5
13	50.33	+7	12.14	+5	62.60	−6	21.28	+6	25.29	−7	37.66	−1
14	50.09	+6	11.92	+1	62.52	−3	21.66	+8	25.47	−6	37.97	+2
15	49.85	+5	11.69	−3	62.44	0	22.04	+7	25.65	−4	38.28	+5
16	49.62	+2	11.46	−5	62.36	+3	22.41	+4	25.83	−1	38.59	+6
17	49.38	−2	11.22	−6	62.27	+5	22.79	0	26.00	+2	38.91	+6
18	49.16	−5	10.98	−6	62.18	+6	23.16	−4	26.17	+6	39.23	+3
19	48.93	−7	10.73	−3	62.08	+5	23.53	−8	26.34	+7	39.55	−1
20	48.70	−8	10.47	0	61.97	+3	23.90	−10	26.51	+8	39.88	−5
21	48.48	−7	10.22	+4	61.87	0	24.27	−11	26.67	+6	40.22	−8
22	48.26	−5	9.95	+7	61.75	−2	24.64	−9	26.83	+4	40.55	−9
23	48.04	−2	9.69	+9	61.64	−5	25.00	−6	26.99	+1	40.89	−9
24	47.83	+1	9.42	+9	61.52	−6	25.36	−2	27.14	−1	41.23	−9
25	47.61	+4	9.15	+8	61.40	−6	25.72	+1	27.29	−4	41.57	−6
26	47.40	+5	8.87	+6	61.27	−6	26.08	+5	27.43	−6	41.92	−3
27	47.20	+6	8.59	+2	61.14	−4	26.44	+7	27.58	−6	42.26	+1
28	46.99	+6	8.31	−1	61.01	−1	26.80	+9	27.71	−6	42.61	+5
März 1	46.79	+5	8.02	−5	60.87	+1	27.15	+9	27.85	−5	42.96	+8
2	46.59	+3	7.72	−8	60.73	+4	27.50	+8	27.98	−3	43.32	+10
3	46.39	0	7.43	−10	60.58	+6	27.85	+5	28.11	0	43.68	+10
4	46.20	−2	7.12	−11	60.43	+7	28.20	+2	28.24	+2	44.03	+9
5	46.01	−5	6.82	−10	60.27	+7	28.54	−1	28.36	+4	44.39	+7
6	45.83	−6	6.51	−7	60.11	+6	28.88	−4	28.48	+6	44.76	+3
7	45.64	−6	6.20	−3	59.95	+4	29.22	−6	28.60	+5	45.12	−1
8	45.47	−4	5.89	+1	59.79	+1	29.55	−6	28.71	+4	45.48	−4
9	45.29	−2	5.58	+5	59.62	−3	29.88	−4	28.82	+1	45.85	−6
10	45.12	+1	5.26	+7	59.45	−5	30.21	−1	28.93	−2	46.21	−7
11	44.95	+4	4.94	+7	59.27	−6	30.54	+3	29.03	−5	46.58	−5
12	44.78	+6	4.61	+6	59.09	−6	30.86	+6	29.13	−7	46.95	−2
13	44.62	+7	4.28	+2	58.91	−4	31.18	+8	29.23	−7	47.33	+1
14	44.46	+6	3.95	−1	58.72	−1	31.50	+8	29.32	−5	47.70	+4
15	44.31	+3	3.62	−5	58.53	+2	31.81	+6	29.41	−2	48.08	+6

sec δ, tg δ	85° 11′ 0″	11.909	−11.867	85° 20′ 20″	12.306	−12.265	84° 40′ 40″	10.781	−10.734
	10	11.916	−11.874	30	12.313	−12.273	50	10.786	−10.740

1918	Octantis 20 G. 7^m				Octantis 26 G. 6^m-7^m				χ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$14^h 46^m$ s	in s 0.01	−87° 48′ ″	in ″ 0.01	$16^h 30^m$ s	in s 0.01	−86° 12′ ″	in ″ 0.01	$18^h 6^m$ s	in s 0.01	−87° 39′ ″	in ″ 0.01
Febr. 6	51.07	+ 7	53.06	+ 9	5.20	0	51.68	+10	41.66	− 5	37.88	+ 9
7	51.73	+12	53.17	+ 5	5.59	+ 4	51.61	+ 7	42.18	+ 2	37.66	+ 8
8	52.38	+13	53.28	0	5.98	+ 7	51.55	+ 3	42.71	+ 8	37.45	+ 5
9	53.03	+11	53.39	− 4	6.37	+ 8	51.50	− 2	43.24	+12	37.25	+ 1
10	53.68	+ 5	53.51	− 7	6.77	+ 7	51.45	− 6	43.78	+13	37.05	− 4
11	54.34	− 2	53.64	− 9	7.16	+ 3	51.41	− 9	44.33	+10	36.85	− 7
12	54.98	− 8	53.77	− 8	7.56	− 1	51.37	−10	44.88	+ 5	36.66	− 9
13	55.63	−13	53.90	− 6	7.96	− 5	51.34	− 8	45.44	− 2	36.47	− 9
14	56.27	−14	54.05	− 2	8.36	− 7	51.32	− 5	46.00	− 7	36.29	− 7
15	56.91	−12	54.19	+ 2	8.75	− 8	51.29	0	46.57	−11	36.11	− 3
16	57.54	− 6	54.34	+ 5	9.15	− 6	51.28	+ 4	47.14	−11	35.93	+ 2
17	58.17	+ 2	54.50	+ 7	9.55	− 2	51.27	+ 7	47.71	− 7	35.76	+ 6
18	58.80	+10	54.66	+ 6	9.95	+ 3	51.26	+ 8	48.29	− 1	35.59	+ 9
19	59.42	+16	54.83	+ 4	10.35	+ 7	51.26	+ 7	48.87	+ 6	35.43	+ 9
20	60.05	+19	55.00	+ 1	10.75	+10	51.26	+ 5	49.46	+12	35.27	+ 8
21	60.67	+19	55.18	− 3	11.15	+12	51.27	+ 1	50.06	+16	35.12	+ 5
22	61.29	+15	55.36	− 6	11.56	+11	51.28	− 2	50.66	+18	34.97	+ 1
23	61.90	+ 9	55.55	− 9	11.96	+ 9	51.30	− 6	51.26	+17	34.82	− 2
24	62.51	+ 3	55.74	− 9	12.36	+ 6	51.33	− 8	51.86	+13	34.69	− 6
25	63.11	− 4	55.94	− 8	12.76	+ 1	51.35	− 9	52.47	+ 7	34.55	− 8
26	63.71	−10	56.14	− 6	13.16	− 3	51.39	− 8	53.08	0	34.42	− 8
27	64.30	−14	56.34	− 3	13.56	− 7	51.43	− 6	53.69	− 6	34.30	− 8
28	64.89	−16	56.55	+ 1	13.96	−10	51.47	− 3	54.30	−12	34.18	− 6
März 1	65.47	−16	56.76	+ 5	14.36	−11	51.52	+ 1	54.92	−16	34.07	− 3
2	66.05	−13	56.98	+ 8	14.76	−11	51.58	+ 5	55.54	−18	33.96	+ 1
3	66.63	− 8	57.20	+10	15.16	− 9	51.64	+ 8	56.17	−18	33.85	+ 4
4	67.20	− 2	57.43	+11	15.56	− 6	51.70	+10	56.80	−14	33.75	+ 7
5	67.77	+ 5	57.66	+10	15.96	− 2	51.77	+10	57.42	− 9	33.65	+ 9
6	68.33	+ 9	57.89	+ 7	16.35	+ 2	51.85	+ 8	58.05	− 2	33.56	+ 8
7	68.88	+12	58.13	+ 3	16.75	+ 5	51.92	+ 5	58.68	+ 5	33.47	+ 6
8	69.43	+11	58.37	− 2	17.14	+ 7	52.01	+ 1	59.31	+10	33.39	+ 3
9	69.97	+ 7	58.61	− 6	17.54	+ 6	52.09	− 4	59.94	+12	33.32	− 2
10	70.51	0	58.86	− 8	17.93	+ 4	52.18	− 8	60.58	+10	33.25	− 6
11	71.04	− 7	59.11	− 8	18.32	0	52.28	− 9	61.21	+ 6	33.18	− 9
12	71.57	−12	59.37	− 6	18.71	− 4	52.38	− 9	61.85	0	33.12	−10
13	72.09	−15	59.63	− 3	19.10	− 7	52.49	− 6	62.49	− 6	33.06	− 8
14	72.61	−14	59.90	+ 1	19.48	− 8	52.60	− 2	63.14	−11	33.01	− 4
15	73.12	− 9	60.17	+ 4	19.87	− 7	52.72	+ 2	63.78	−11	32.96	0
sec δ, tg δ	87° 48′ 50″	26.215	−26.196		86° 12′ 50″	15.144	−15.111		87° 39′ 30″	24.475	−24.454	
	60	26.249	−26.230		60	15.155	−15.122		40	24.504	−24.483	

1918	σ Octantis 6^m				β Octantis 4^m.1				τ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	19h 28m	in s 0.01	−89° 13′	in ″ 0.01	22h 37m	in s 0.01	−81° 48′	in ″ 0.01	23h 15m	in s 0.01	−87° 55′	in ″ 0.01
Febr. 6	33.44	−29	9.83	+ 7	40.18	− 6	43.81	− 3	54.00	−19	60.73	− 4
7	34.53	− 8	9.51	+ 8	40.15	− 5	43.46	+ 1	53.74	−18	60.38	0
8	35.64	+14	9.20	+ 6	40.12	− 3	43.10	+ 4	53.48	−13	60.02	+ 3
9	36.77	+32	8.89	+ 3	40.09	0	42.74	+ 7	53.24	− 5	59.67	+ 6
10	37.93	+41	8.58	− 1	40.07	+ 2	42.38	+ 7	53.00	+ 4	59.31	+ 7
11	39.11	+40	8.28	− 5	40.05	+ 4	42.01	+ 5	52.77	+12	58.94	+ 6
12	40.32	+28	7.98	− 8	40.02	+ 5	41.65	+ 2	52.56	+18	58.58	+ 3
13	41.54	+10	7.68	− 9	40.01	+ 5	41.28	− 2	52.35	+19	58.21	0
14	42.78	− 9	7.39	− 8	39.99	+ 3	40.91	− 5	52.15	+15	57.84	− 4
15	44.05	−25	7.10	− 4	39.98	+ 1	40.54	− 7	51.96	+ 8	57.47	− 6
16	45.33	−32	6.81	0	39.97	− 2	40.17	− 7	51.77	0	57.10	− 7
17	46.64	−30	6.53	+ 5	39.96	− 3	39.79	− 4	51.60	− 8	56.72	− 6
18	47.96	−18	6.25	+ 8	39.95	− 4	39.42	− 1	51.44	−14	56.35	− 2
19	49.31	0	5.97	+10	39.95	− 4	39.05	+ 3	51.29	−17	55.98	+ 2
20	50.68	+19	5.70	+10	39.95	− 3	38.67	+ 7	51.14	−15	55.60	+ 6
21	52.06	+35	5.43	+ 8	39.95	− 1	38.29	+10	51.01	−10	55.22	+ 9
22	53.46	+46	5.16	+ 5	39.96	+ 1	37.91	+11	50.88	− 3	54.83	+10
23	54.88	+49	4.90	+ 1	39.97	+ 3	37.53	+10	50.77	+ 4	54.45	+10
24	56.32	+44	4.64	− 3	39.98	+ 4	37.15	+ 7	50.66	+11	54.06	+ 8
25	57.78	+32	4.38	− 6	39.99	+ 5	36.77	+ 4	50.57	+15	53.67	+ 5
26	59.25	+15	4.13	− 8	40.00	+ 4	36.39	0	50.48	+16	53.29	+ 1
27	60.74	− 4	3.88	− 8	40.01	+ 3	36.01	− 4	50.40	+15	52.90	− 2
28	62.24	−23	3.64	− 8	40.03	+ 2	35.63	− 7	50.33	+11	52.51	− 6
März 1	63.76	−39	3.40	− 6	{40.05 40.07	0 − 2	35.25 34.87	− 9 −10	50.27	+ 5	52.13	− 8
2	65.30	−51	3.16	− 3	40.09	− 4	34.49	− 9	50.22	− 1	51.74	−10
3	66.85	−55	2.93	+ 1	40.12	− 5	34.10	− 7	50.18	− 8	51.35	−10
4	68.41	−50	2.70	+ 4	40.15	− 6	33.72	− 4	50.15	−14	50.96	− 8
5	69.99	−38	2.48	+ 7	40.18	− 5	33.34	− 1	50.13	−18	50.56	− 6
6	71.58	−19	2.26	+ 7	40.21	− 4	32.96	+ 3	50.11	−18	50.17	− 2
7	73.19	+ 3	2.04	+ 7	40.25	− 1	32.58	+ 5	50.11	−15	49.78	+ 1
8	74.81	+22	1.83	+ 4	40.29	+ 1	32.21	+ 6	50.12	− 8	49.39	+ 4
9	76.44	+35	1.62	0	40.33	+ 3	31.83	+ 5	50.13	0	49.00	+ 6
10	78.08	+38	1.42	− 3	40.37	+ 5	31.45	+ 3	50.16	+ 9	48.61	+ 6
11	79.74	+30	1.22	− 7	40.42	+ 5	31.08	− 1	{50.19 50.23	+15 +18	48.22 47.83	+ 4 0
12	81.41	+15	1.03	− 9	40.47	+ 4	30.70	− 4	50.29	+17	47.44	− 3
13	83.09	− 4	0.84	− 9	40.52	+ 2	30.32	− 7	50.35	+12	47.05	− 6
14	84.79	−21	0.65	− 6	40.57	0	29.95	− 7	50.42	+ 4	46.65	− 7
15	86.49	−31	0.47	− 2	40.63	− 2	29.57	− 6	50.51	− 5	46.26	− 6
sec δ, tg δ	89° 13′ 0″ 10	73.146 73.406	−73.139 −73.399		81° 48′ 30″ 40	7.018 7.021	−6.947 −6.949		87° 55′ 50″ 60	27.693 27.730	−27.675 −27.712	

1918	Octantis 4 G. 6^m				ζ Octantis 6^m–5^m				ι Octantis 6^m–5^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	1^h 41^m	in ^{s} 0.01	−85° 10′	in ″ 0.01	9^h 8^m	in ^{s} 0.01	−85° 20′	in ″ 0.01	12^h 46^m	in ^{s} 0.01	−84° 40′	in ″ 0.01
März 15	44.31	+3	63.62	−5	58.53	+2	31.81	+6	29.41	−2	48.08	+6
16	44.16	0	63.28	−6	58.34	+4	32.12	+2	29.49	+1	48.46	+6
17	44.01	−4	62.95	−6	58.14	+5	32.43	−3	29.58	+4	48.83	+4
18	43.86	−6	62.61	−4	57.95	+5	32.73	−7	29.65	+7	49.21	+1
19	43.72	−8	62.27	−1	57.75	+4	33.03	−10	29.73	+8	49.59	−3
20	43.58	−7	61.92	+3	57.55	+1	33.33	−11	29.80	+7	49.96	−7
21	43.45	−5	61.58	+7	57.34	−2	33.62	−10	29.87	+5	50.34	−9
22	43.32	−3	61.23	+9	57.13	−4	33.91	−8	29.93	+3	50.72	−10
23	43.19	0	60.87	+10	56.91	−6	34.19	−4	29.99	0	51.10	−10
24	43.07	+3	60.52	+9	56.69	−6	34.48	0	30.05	−3	51.49	−7
25	42.95	+5	60.16	+7	56.47	−6	34.75	+3	30.10	−5	51.87	−4
26	42.84	+6	59.80	+4	56.25	−5	35.02	+6	30.15	−6	52.25	−1
27	42.72	+6	59.45	0	56.03	−3	35.29	+8	30.20	−6	52.63	+3
28	42.62	+5	59.09	−3	55.81	0	35.56	+9	30.24	−5	53.01	+6
29	42.51	+4	58.72	−7	55.58	+3	35.81	+8	30.28	−3	53.39	+9
30	42.41	+1	58.36	−9	55.35	+5	36.07	+6	30.32	−1	53.77	+10
31	42.31	−1	58.00	−10	55.12	+7	36.32	+3	30.35	+1	54.15	+10
April 1	42.21	−4	57.63	−10	54.88	+7	36.57	0	30.38	+4	54.53	+8
2	42.12	−5	57.26	−8	54.65	+7	36.81	−3	30.40	+5	54.91	+5
3	42.04	−6	56.89	−5	54.40	+5	37.05	−5	30.43	+6	55.30	+1
4	41.95	−5	56.52	0	54.16	+2	37.28	−6	30.44	+5	55.68	−3
5	41.88	−3	56.14	+4	53.92	−1	37.51	−5	30.46	+2	56.05	−5
6	41.80	0	55.77	+6	53.67	−4	37.74	−2	30.47	−1	56.43	−6
7	41.73	+3	55.40	+7	53.42	−6	37.96	+1	30.48	−4	56.81	−5
8	41.67	+6	55.03	+6	53.18	−6	38.18	+5	30.48	−6	57.18	−3
9	41.61	+7	54.65	+3	52.92	−5	38.39	+8	30.48	−7	57.56	+1
10	41.55	+7	54.28	−1	52.67	−2	38.60	+9	30.48	−6	57.93	+4
11	41.49	+4	53.90	−4	52.41	+1	38.80	+7	30.47	−4	58.31	+6
12	41.44	+1	53.53	−7	52.15	+4	39.00	+4	30.47	0	58.68	+7
13	41.40	−2	53.15	−7	51.90	+5	39.20	0	30.45	+3	59.05	+5
14	41.35	−5	52.77	−5	51.64	+6	39.39	−5	30.44	+6	59.42	+2
15	41.32	−7	52.40	−2	51.37	+4	39.57	−9	30.42	+8	59.79	−2
16	41.28	−8	52.02	+1	51.11	+2	39.75	−11	30.40	+8	60.15	−6
17	{41.25 41.23	−6 −4	51.64 51.27	+5 +8	50.85	−1	39.92	−11	30.37	+6	60.52	−9
18	41.21	−1	50.89	+10	50.58	−3	40.09	−9	30.34	+4	60.88	−10
19	41.19	+2	50.52	+10	50.32	−5	40.25	−6	30.31	+1	61.24	−10
20	41.17	+4	50.14	+8	50.05	−6	40.41	−2	30.27	−2	61.60	−9
21	41.16	+5	49.77	+6	49.78	−7	40.56	+1	30.23	−4	61.96	−6
sec δ, tg δ	85° 10′ 50″ 60	11.902 11.909	−11.860 −11.867		85° 20′ 30″ 40	12.313 12.321	−12.273 −12.280		84° 40′ 50″ 60	10.786 10.792	−10.740 −10.746	

1918	Octantis 20 G. 7^m				Octantis 26 G. $6^m - 7^m$				χ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$14^h 47^m$	in ^{s} 0.01	$-87° 49'$	in $''$ 0.01	$16^h 30^m$	in ^{s} 0.01	$-86° 12'$	in $''$ 0.01	$18^h 7^m$	in ^{s} 0.01	$-87° 39'$	in $''$ 0.01
März 15	$13\overset{s}{.}12$	− 9	$0\overset{''}{.}17$	+ 4	$19\overset{s}{.}87$	− 7	$52\overset{''}{.}72$	+ 2	$3\overset{s}{.}78$	−11	$32\overset{''}{.}96$	0
16	13.62	− 1	0.44	+ 7	20.25	− 4	52.84	+ 6	4.42	− 9	32.92	+ 5
17	14.11	+ 7	0.71	+ 7	20.63	+ 1	52.96	+ 8	5.06	− 3	32.88	+ 8
18	14.60	+15	0.98	+ 5	21.01	+ 6	53.09	+ 8	5.70	+ 3	32.85	+10
19	15.09	+19	1.26	+ 2	21.38	+10	53.22	+ 6	6.34	+10	32.82	+ 9
20	15.56	+20	1.55	− 2	21.76	+12	53.36	+ 3	6.98	+16	32.80	+ 7
21	16.03	+18	1.83	− 5	22.13	+12	53.50	− 1	7.62	+18	32.78	+ 3
22	16.50	+13	2.12	− 8	22.50	+11	53.65	− 5	8.26	+18	32.77	− 1
23	16.96	+ 6	2.42	− 9	22.87	+ 8	53.80	− 7	8.91	+15	32.76	− 4
24	17.41	− 1	2.72	− 9	23.24	+ 3	53.96	− 9	9.55	+10	32.76	− 7
25	17.85	− 8	3.02	− 7	23.60	− 1	54.12	− 9	10.19	+ 4	32.76	− 8
26	18.29	−12	3.32	− 4	23.96	− 5	54.29	− 7	10.83	− 3	32.77	− 8
27	18.72	−15	3.62	− 1	24.32	− 8	54.45	− 4	11.47	− 9	32.78	− 7
28	19.14	−16	3.92	+ 3	24.68	−10	54.63	− 1	12.10	−14	32.80	− 4
29	19.55	−13	4.23	+ 6	25.03	−10	54.80	+ 3	12.74	−17	32.82	− 1
30	19.96	− 9	4.54	+ 9	25.38	−10	54.98	+ 6	13.38	−17	32.84	+ 3
31	20.36	− 4	4.85	+10	25.73	− 7	55.16	+ 9	14.01	−15	32.87	+ 6
April 1	20.76	+ 3	5.17	+10	26.08	− 3	55.35	+10	14.65	−11	32.91	+ 8
2	21.14	+ 8	5.48	+ 8	26.42	+ 1	55.54	+ 9	15.28	− 4	32.95	+ 9
3	21.52	+11	5.80	+ 4	26.76	+ 4	55.73	+ 6	15.91	+ 2	32.99	+ 7
4	21.89	+11	6.12	0	27.10	+ 6	55.93	+ 2	16.54	+ 8	33.04	+ 4
5	22.25	+ 8	6.45	− 3	27.43	+ 6	56.13	− 2	17.17	+10	33.09	0
6	22.61	+ 2	6.77	− 7	27.76	+ 4	56.34	− 6	17.79	+10	33.15	− 4
7	22.95	− 5	7.10	− 8	28.09	+ 1	56.54	− 9	18.41	+ 6	33.21	− 8
8	23.29	−12	7.43	− 7	28.41	− 3	56.76	− 9	19.03	+ 1	33.28	−10
9	23.62	−16	7.76	− 4	28.73	− 7	56.97	− 7	19.65	− 6	33.35	− 9
10	23.94	−16	8.09	0	29.05	− 9	57.19	− 3	20.26	−11	33.42	− 6
11	24.25	−12	8.43	+ 4	29.37	− 8	57.41	+ 1	20.88	−13	33.50	− 2
12	24.56	− 5	8.76	+ 6	29.68	− 6	57.64	+ 5	21.49	−11	33.59	+ 3
13	24.86	+ 3	9.10	+ 7	29.99	− 1	57.87	+ 8	22.09	− 7	33.67	+ 7
14	25.14	+12	9.44	+ 6	30.29	+ 4	58.11	+ 8	22.70	0	33.77	+ 9
15	25.42	+18	9.78	+ 3	30.59	+ 8	58.34	+ 7	23.29	+ 8	33.87	+ 9
16	25.70	+20	10.12	0	30.88	+12	58.58	+ 4	23.89	+14	33.97	+ 8
17	25.96	+20	10.46	− 4	31.17	+13	58.82	0	24.48	+18	34.07	+ 5
18	26.21	+15	10.80	− 7	31.46	+12	59.06	− 4	25.06	+19	34.19	+ 1
19	26.46	+ 9	11.15	− 9	31.74	+ 9	59.31	− 7	25.64	+17	34.30	− 3
20	26.70	+ 2	11.49	−10	32.02	+ 6	59.56	− 9	26.22	+13	34.42	− 6
21	26.93	− 5	11.84	− 8	32.30	+ 1	59.81	− 9	26.80	+ 7	34.54	− 8
sec δ, tg δ	87° 49′ 0″	26.249	−26.230		86° 12′ 50″	15.144	−15.111		87° 39′ 30″	24.475	−24.454	
	10	26.282	−26.263		60	15.155	−15.122		40	24.504	−24.483	

1918	σ Octantis 6ᵐ				β Octantis 4ᵐ.1				τ Octantis 6ᵐ			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$19^h 29^m$	in ^{s} 0.01	−89° 12′	in ″ 0.01	$22^h 37^m$	in ^{s} 0.01	−81° 48′	in ″ 0.01	$23^h 15^m$	in ^{s} 0.01	−87° 55′	in ″ 0.01
März 15	$26^s.49$	−31	60″.47	− 2	$40^s.63$	− 2	29″.57	− 6	$50^s.51$	− 5	46″.26	− 6
16	28.20	−32	60.29	+ 3	40.69	− 4	29.20	− 2	50.60	−12	45.88	− 3
17	29.92	−23	60.12	+ 7	40.75	− 4	28.83	+ 2	50.69	−16	45.49	+ 1
18	31.65	− 7	59.95	+10	40.81	− 3	28.46	+ 6	50.80	−16	45.10	+ 5
19	33.39	+13	59.79	+11	40.87	− 2	28.10	+ 9	50.92	−12	44.72	+ 8
20	35.14	+32	59.63	+ 9	40.93	0	27.73	+11	51.04	− 6	44.33	+10
21	36.89	+45	59.47	+ 6	41.00	+ 2	27.37	+11	51.17	+ 2	43.95	+11
22	38.65	+50	59.32	+ 3	41.07	+ 4	27.01	+ 9	51.31	+ 8	43.56	+10
23	40.42	+48	59.17	− 1	41.14	+ 5	26.65	+ 6	51.47	+14	43.18	+ 7
24	42.20	+39	59.03	− 5	41.22	+ 5	26.29	+ 2	51.63	+16	42.80	+ 3
25	43.98	+24	58.89	− 7	41.29	+ 4	25.93	− 2	51.79	+16	42.42	0
26	45.77	+ 6	58.76	− 8	41.37	+ 3	25.58	− 5	51.97	+13	42.04	− 4
27	47.57	−14	58.64	− 8	41.45	+ 1	25.22	− 8	52.16	+ 8	41.67	− 7
28	49.37	−31	58.52	− 7	41.53	− 1	24.87	− 9	52.35	+ 2	41.29	− 9
29	51.18	−45	58.40	− 4	41.62	− 3	24.52	− 9	52.55	− 5	40.92	−10
30	52.99	−52	58.29	− 1	41.70	− 5	24.18	− 8	52.76	−12	40.55	− 9
31	54.80	−51	58.18	+ 3	41.79	− 5	23.83	− 5	52.98	−16	40.18	− 7
April 1	56.62	−42	58.08	+ 6	41.88	− 5	23.49	− 2	53.21	−18	39.81	− 3
2	58.45	−26	57.98	+ 7	41.97	− 4	23.15	+ 1	53.45	−17	39.44	0
3	60.27	− 6	57.89	+ 7	42.06	− 2	22.81	+ 4	53.69	−11	39.08	+ 3
4	62.10	+14	57.80	+ 5	42.16	0	22.47	+ 6	53.95	− 4	38.72	+ 5
5	63.93	+28	57.71	+ 2	42.26	+ 2	22.14	+ 5	54.21	+ 5	38.36	+ 6
6	65.76	+35	57.63	− 3	42.36	+ 4	21.81	+ 3	54.47	+13	38.01	+ 4
7	67.60	+31	57.55	− 6	42.46	+ 5	21.48	0	54.75	+17	37.65	+ 1
8	69.43	+18	57.48	− 9	42.56	+ 4	21.16	− 4	55.03	+18	37.30	− 2
9	71.27	0	57.42	− 9	42.66	+ 2	20.84	− 7	55.32	+14	36.95	− 5
10	73.10	−18	57.36	− 8	42.77	0	20.52	− 8	55.62	+ 6	36.61	− 7
11	74.94	−31	57.31	− 4	42.88	− 2	20.20	− 7	55.93	− 2	36.26	− 7
12	76.77	−36	57.26	+ 1	42.98	− 4	19.89	− 4	56.25	−10	35.92	− 5
13	78.61	−30	57.22	+ 5	43.10	− 4	19.58	0	56.57	−16	35.58	− 1
14	80.44	−15	57.18	+ 9	43.21	− 4	19.28	+ 4	56.90	−17	35.24	+ 3
15	82.27	+ 5	57.14	+10	43.32	− 2	18.98	+ 8	57.24	−14	34.91	+ 7
16	84.10	+25	57.11	+10	43.44	0	18.68	+11	57.59	− 9	34.58	+10
17	85.93	+41	57.09	+ 8	43.56	+ 2	18.38	+11	57.94	− 1	34.26	+11
18	87.75	+51	57.07	+ 4	43.67	+ 4	18.09	+10	58.29	+ 6	33.93	+11
19	89.57	+52	57.05	0	43.80	+ 5	17.80	+ 7	58.66	+12	33.62	+ 8
20	91.39	+45	57.04	− 3	43.92	+ 5	17.52	+ 4	59.03	+16	33.30	+ 5
21	93.21	+31	57.04	− 6	44.05	+ 4	17.24	0	59.41	+16	32.98	+ 1
sec δ, tg δ	89° 12′ 50″	72.887	−72.881		81° 48′ 20″	7.016	−6.944		87° 55′ 30″	27.618	−27.600	
	60	73.146	−73.139		30	7.018	−6.947		40	27.655	−27.637	

1918	Octantis 4 G. 6^m				ζ Octantis 6^m-5^m				ι Octantis 6^m-5^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$1^h 41^m$	in ^{s} 0.01	−85° 10′	in ″ 0.01	$9^h 8^m$	in ^{s} 0.01	−85° 20′	in ″ 0.01	$12^h 46^m$	in ^{s} 0.01	−84° 41′	in ″ 0.01
April 21	^{s} 41.16	+ 5	″ 49.77	+ 6	^{s} 49.78	− 7	″ 40.56	+ 1	^{s} 30.23	− 4	″ 1.96	− 6
22	41.16	+ 6	49.39	+ 2	49.51	− 6	40.71	+ 5	30.19	− 6	2.32	− 3
23	41.15	+ 6	49.02	− 2	49.24	− 4	40.86	+ 7	30.14	− 6	2.67	+ 1
24	41.16	+ 4	48.65	− 5	48.97	− 1	41.00	+ 8	30.10	− 6	3.02	+ 5
25	41.16	+ 2	48.27	− 8	48.69	+ 1	41.13	+ 8	30.04	− 4	3.37	+ 8
26	41.17	0	47.90	−10	48.42	+ 4	41.26	+ 6	29.99	− 2	3.72	+ 9
27	41.19	− 3	47.54	−10	48.15	+ 6	41.39	+ 4	29.93	0	4.06	+ 9
28	41.21	− 5	47.17	− 8	47.88	+ 7	41.51	+ 1	29.87	+ 3	4.41	+ 8
29	41.23	− 6	46.80	− 5	47.60	+ 7	41.62	− 3	29.80	+ 5	4.74	+ 5
30	41.26	− 5	46.43	− 2	47.33	+ 5	41.73	− 5	29.73	+ 6	5.08	+ 2
Mai 1	41.29	− 4	46.06	+ 2	47.05	+ 3	41.83	− 6	29.66	+ 5	5.42	− 2
2	41.33	− 1	45.69	+ 5	46.78	0	41.93	− 6	29.58	+ 3	5.75	− 5
3	41.37	+ 2	45.33	+ 7	46.50	− 3	42.02	− 4	29.50	0	6.08	− 6
4	41.41	+ 5	44.97	+ 7	46.22	− 5	42.11	0	29.42	− 3	6.41	− 6
5	41.46	+ 7	44.61	+ 4	45.95	− 6	42.19	+ 4	29.33	− 6	6.73	− 4
6	41.51	+ 7	44.25	0	45.67	− 5	42.27	+ 7	29.25	− 7	7.05	0
7	41.56	+ 6	43.89	− 3	45.39	− 3	42.34	+ 9	29.16	− 7	7.36	+ 3
8	41.62	+ 3	43.53	− 6	45.12	0	42.41	+ 8	29.06	− 5	7.68	+ 6
9	41.68	− 1	43.18	− 8	44.84	+ 3	42.47	+ 6	28.97	− 2	7.98	+ 8
10	41.75	− 4	42.83	− 7	44.57	+ 5	42.53	+ 2	28.87	+ 1	8.29	+ 7
11	41.82	− 6	42.47	− 4	44.29	+ 6	42.58	− 3	28.77	+ 5	8.59	+ 4
12	41.89	− 7	42.13	− 1	44.01	+ 5	42.62	− 7	28.66	+ 7	8.90	+ 1
13	41.97	− 7	41.78	+ 4	43.74	+ 3	42.66	−10	28.55	+ 8	9.19	− 4
14	42.05	− 5	41.44	+ 7	43.46	+ 1	42.70	−11	28.44	+ 7	9.49	− 7
15	42.14	− 2	41.10	+ 9	43.19	− 2	42.72	−10	28.33	+ 5	9.78	−10
16	42.22	0	40.76	+10	42.91	− 5	42.75	− 7	28.21	+ 2	10.07	−10
17	42.32	+ 3	40.42	+ 9	42.64	− 6	42.77	− 4	28.09	− 1	10.35	− 9
18	42.41	+ 5	40.09	+ 7	42.37	− 7	42.78	0	27.97	− 3	10.63	− 7
19	42.51	+ 6	39.76	+ 4	42.10	− 6	42.79	+ 3	27.85	− 5	10.91	− 4
20	42.61	+ 6	39.43	0	41.83	− 4	42.79	+ 6	27.72	− 6	11.18	0
21	42.72	+ 5	39.10	− 4	41.56	− 2	42.78	+ 8	27.59	− 6	11.45	+ 3
22	42.83	+ 3	38.78	− 7	41.29	0	42.77	+ 8	27.46	− 5	11.71	+ 6
23	42.95	+ 1	38.46	− 9	41.02	+ 3	42.76	+ 7	27.33	− 3	11.98	+ 8
24	43.07	− 2	38.14	−10	40.75	+ 5	42.74	+ 5	27.19	0	12.23	+ 9
25	43.19	− 4	37.83	− 9	40.49	+ 7	42.71	+ 2	27.05	+ 2	12.48	+ 8
26	43.31	− 6	37.52	− 6	40.22	+ 7	42.68	− 1	26.91	+ 4	12.73	+ 6
27	43.44	− 5	37.21	− 3	39.96	+ 6	42.65	− 4	26.76	+ 6	12.98	+ 3
28	43.57	− 5	36.91	+ 1	39.69	+ 4	42.61	− 6	26.61	+ 6	13.21	− 1
sec δ, tg δ	85° 10′ 40″	11.896	−11.854		85° 20′ 40″	12.321	−12.280		84° 41′ 0″	10.792	−10.746	
	50	11.902	−11.860		50	12.328	−12.287		10	10.798	−10.751	

1918	Octantis 20 G. 7^m				Octantis 26 G. $6^m - 7^m$				χ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$14^h 47^m$	in 0.01^s	$-87° 49'$	in $0.01''$	$16^h 30^m$	in 0.01^s	$-86° 12'$	in $0.01''$	$18^h 7^m$	in 0.01^s	$-87° 39'$	in $0.01''$
April 21	$26^s.93$	− 5	$11''.84$	− 8	$32^s.30$	+ 1	$59''.81$	− 9	$26^s.80$	+ 7	$34''.54$	− 8
22	27.15	−10	12.19	− 6	32.57	− 3	60.07	− 8	27.37	0	34.67	− 8
23	27.37	−14	12.53	− 3	32.84	− 7	60.33	− 5	27.94	− 6	34.80	− 7
24	27.57	−15	12.88	+ 1	33.10	− 9	60.59	− 2	28.51	−12	34.94	− 5
25	27.77	−14	13.23	+ 5	33.36	−10	60.85	+ 1	29.06	−15	35.08	− 2
26	27.96	−10	13.58	+ 8	33.61	− 9	61.12	+ 5	29.62	−17	35.23	+ 1
27	28.13	− 5	13.93	+10	33.86	− 7	61.39	+ 8	30.17	−15	35.38	+ 5
28	28.30	+ 1	14.28	+10	34.11	− 4	61.66	+ 9	30.71	−12	35.53	+ 7
29	28.46	+ 6	14.63	+ 8	34.35	0	61.93	+ 9	31.25	− 6	35.69	+ 9
30	28.61	+10	14.98	+ 5	34.59	+ 3	62.21	+ 7	31.78	0	35.85	+ 8
Mai 1	28.75	+12	15.33	+ 1	34.82	+ 6	62.49	+ 4	32.31	+ 6	36.02	+ 6
2	28.89	+10	15.69	− 2	35.05	+ 7	62.77	0	32.84	+10	36.19	+ 2
3	29.01	+ 5	16.04	− 6	35.28	+ 6	63.05	− 5	33.36	+11	36.36	− 3
4	29.13	− 2	16.39	− 8	35.50	+ 3	63.34	− 8	33.87	+ 8	36.54	− 7
5	29.23	− 9	16.74	− 7	35.71	− 2	63.63	− 9	34.38	+ 3	36.72	− 9
6	29.33	−15	17.09	− 5	35.92	− 6	63.92	− 8	34.88	− 4	36.90	− 9
7	29.42	−17	17.43	− 1	36.13	− 9	64.21	− 5	35.38	−10	37.09	− 7
8	29.50	−15	17.78	+ 3	36.33	−10	64.50	− 1	35.87	−14	37.28	− 3
9	29.57	− 9	18.13	+ 6	36.52	− 8	64.79	+ 4	36.35	−14	37.47	+ 1
10	29.63	− 1	18.47	+ 8	36.71	− 4	65.09	+ 7	36.83	−10	37.67	+ 5
11	29.68	+ 7	18.82	+ 7	36.89	+ 1	65.39	+ 9	37.30	− 4	37.87	+ 8
12	29.73	+15	19.16	+ 5	37.07	+ 6	65.69	+ 8	37.77	+ 4	38.08	+10
13	29.76	+19	19.50	+ 1	37.25	+10	65.99	+ 6	38.23	+11	38.29	+ 9
14	29.79	+20	19.85	− 3	37.42	+12	66.29	+ 2	38.68	+16	38.51	+ 6
15	29.80	+17	20.19	− 6	37.58	+12	66.59	− 2	39.13	+19	38.72	+ 2
16	29.81	+12	20.53	− 9	37.74	+11	66.89	− 6	39.57	+19	38.94	− 2
17	29.81	+ 5	20.87	−10	37.90	+ 7	67.20	− 8	40.00	+15	39.16	− 5
18	29.80	− 2	21.21	− 9	38.05	+ 3	67.51	− 9	40.43	+10	39.38	− 7
19	29.78	− 8	21.54	− 7	38.19	− 1	67.81	− 8	40.85	+ 3	39.61	− 8
20	29.75	−13	21.88	− 4	38.33	− 5	68.12	− 6	41.26	− 3	39.84	− 8
21	29.71	−15	22.22	0	38.46	− 8	68.43	− 3	41.67	− 9	40.07	− 6
22	29.67	−14	22.55	+ 3	38.59	−10	68.74	0	42.07	−14	40.31	− 3
23	29.61	−12	22.88	+ 6	38.71	−10	69.05	+ 3	42.46	−16	40.55	0
24	29.55	− 7	23.21	+ 9	38.83	− 8	69.36	+ 7	42.85	−15	40.79	+ 3
25	29.47	− 1	23.54	+ 9	38.94	− 5	69.67	+ 9	43.22	−13	41.04	+ 6
26	29.39	+ 5	23.87	+ 9	39.05	− 1	69.98	+ 9	43.59	− 8	41.28	+ 8
27	29.30	+10	24.20	+ 7	39.15	+ 2	70.29	+ 8	43.95	− 1	41.53	+ 9
28	29.20	+12	24.52	+ 3	39.25	+ 6	70.61	+ 5	44.30	+ 5	41.79	+ 7
sec δ, tg δ	87° 49′ 10″	26.282	−26.263		86° 12′ 60″	15.155	−15.122		87° 39′ 30″	24.475	−24.454	
	20	26.316	−26.297		70	15.166	−15.133		40	24.504	−24.483	

1918	σ Octantis 6^m				β Octantis 4^m.1				τ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$19^h 30^m$	in 0.01^s	−89° 12′	in 0.01″	$22^h 37^m$	in 0.01^s	−81° 48′	in 0.01″	$23^h 15^m$	in 0.01^s	−87° 55′	in 0.01″
April 21	33.21	+31	57.04	− 6	44.05	+4	17.24	0	59.41	+16	32.98	+ 1
22	35.02	+14	57.04	− 8	44.17	+3	16.96	− 4	59.80	+15	32.67	− 2
23	36.83	− 5	57.04	− 8	44.30	+2	16.68	− 7	60.20	+10	32.36	− 6
24	38.63	−23	57.05	− 7	44.43	0	16.41	− 8	60.60	+ 4	32.06	− 8
25	40.42	−38	57.06	− 5	44.56	−2	16.15	− 9	61.00	− 2	31.76	− 9
26	42.21	−47	57.08	− 2	44.69	−4	15.88	− 8	61.41	− 9	31.46	− 9
27	44.00	−50	57.10	+ 2	44.83	−5	15.63	− 6	61.83	−15	31.17	− 7
28	45.77	−44	57.13	+ 5	44.96	−5	15.37	− 3	62.25	−17	30.88	− 4
29	47.54	−30	57.16	+ 7	45.09	−5	15.12	+ 1	62.68	−17	30.60	− 1
30	49.30	−12	57.20	+ 7	45.23	−3	14.88	+ 4	63.12	−13	30.32	+ 2
Mai 1	51.06	+ 8	57.24	+ 6	45.37	−1	14.64	+ 6	63.57	− 7	30.04	+ 5
2	52.81	+24	57.29	+ 3	45.51	+1	14.40	+ 6	64.02	+ 1	29.77	+ 6
3	54.55	+33	57.34	− 1	45.65	+3	14.16	+ 4	64.47	+10	29.50	+ 5
4	56.28	+33	57.40	− 5	45.79	+4	13.93	+ 1	64.93	+15	29.24	+ 2
5	58.00	+23	57.46	− 8	45.93	+4	13.71	− 3	65.40	+18	28.98	− 1
6	59.72	+ 5	57.53	−10	46.07	+3	13.49	− 6	65.87	+15	28.72	− 5
7	61.42	−14	57.60	− 9	46.22	+1	13.27	− 8	66.34	+ 9	28.47	− 7
8	63.11	−30	57.68	− 6	46.37	−1	13.06	− 8	66.82	+ 1	28.22	− 8
9	64.79	−38	57.76	− 1	46.51	−3	12.86	− 6	67.31	− 8	27.98	− 7
10	66.46	−36	57.84	+ 3	46.66	−4	12.66	− 3	67.80	−14	27.74	− 4
11	68.12	−25	57.93	+ 7	46.81	−4	12.46	+ 2	68.30	−17	27.50	0
12	69.77	− 6	58.03	+10	46.96	−3	12.27	+ 6	68.80	−16	27.27	+ 5
13	71.40	+15	58.13	+10	47.11	−1	12.08	+ 9	69.31	−11	27.05	+ 9
14	73.03	+34	58.23	+ 9	47.26	+1	11.90	+11	69.82	− 4	26.83	+11
15	74.64	+48	58.34	+ 6	47.42	+3	11.72	+11	70.34	+ 3	26.61	+11
16	76.24	+53	58.45	+ 2	47.57	+4	11.55	+ 9	70.85	+10	26.40	+ 9
17	77.83	+49	58.57	− 2	47.72	+5	11.38	+ 5	71.38	+15	26.20	+ 7
18	79.40	+38	58.69	− 5	47.87	+5	11.22	+ 1	71.90	+17	26.00	+ 3
19	80.96	+22	58.82	− 7	48.03	+4	11.06	− 2	72.43	+16	25.80	− 1
20	82.50	+ 3	58.95	− 8	48.18	+2	10.91	− 5	72.96	+12	25.61	− 4
21	84.03	−16	59.09	− 7	48.34	0	10.76	− 8	73.50	+ 7	25.42	− 7
22	85.55	−32	59.23	− 6	48.50	−1	10.62	− 9	74.04	0	25.24	− 9
23	87.05	−43	59.37	− 3	48.65	−3	10.48	− 8	74.59	− 6	25.07	− 9
24	88.53	−48	59.52	0	48.81	−5	10.35	− 7	75.14	−12	24.90	− 7
25	90.00	−45	59.67	+ 4	48.97	−5	10.22	− 4	75.69	−16	24.73	− 5
26	91.45	−34	59.83	+ 6	49.13	−5	10.10	0	76.24	−17	24.57	− 2
27	92.89	−18	59.99	+ 8	49.28	−4	9.98	+ 3	76.80	−15	24.42	+ 2
28	94.31	+ 2	60.15	+ 7	49.44	−1	9.87	+ 5	77.35	−10	24.27	+ 5
sec δ, tg δ	89° 12′ 50″	72.887	−72.881		81° 48′ 10″	7.014	−6.942		87° 55′ 20″	27.582	−27.563	
	60	73.146	−73.139		20	7.016	−6.944		30	27.618	−27.600	

1918	Octantis 4 G. 6^m				ζ Octantis 6^m–5^m				ι Octantis 6^m–5^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	1^h 41^m	in ^s 0.01	−85° 10′	in ″ 0.01	9^h 8^m	in ^s 0.01	−85° 20′	in ″ 0.01	12^h 46^m	in ^s 0.01	−84° 41′	in ″ 0.01
Mai 28	43.57	− 5	36.91	+ 1	39.69	+ 4	42.61	− 6	26.61	+ 6	13.21	− 1
29	43.71	− 3	36.61	+ 5	39.43	+ 1	42.56	− 7	26.46	+ 5	13.45	− 4
30	43.85	+ 1	36.31	+ 7	39.17	− 2	42.51	− 5	26.31	+ 2	13.68	− 6
31	44.00	+ 4	36.01	+ 7	38.91	− 5	42.45	− 2	26.15	− 1	13.91	− 7
Juni 1	44.15	+ 6	35.72	+ 5	38.65	− 6	42.39	+ 2	26.00	− 4	14.13	− 5
2	44.30	+ 7	35.43	+ 2	38.39	− 6	42.32	+ 6	25.84	− 6	14.35	− 2
3	44.45	+ 6	35.15	− 2	38.14	− 4	42.25	+ 8	25.68	− 7	14.56	+ 2
4	44.61	+ 4	34.87	− 5	37.89	− 1	42.17	+ 9	25.51	− 6	14.77	+ 5
5	44.77	+ 1	34.60	− 8	37.64	+ 2	42.09	+ 8	25.35	− 4	14.97	+ 8
6	44.93	− 3	34.33	− 8	37.39	+ 4	42.00	+ 4	25.18	0	15.17	+ 8
7	45.09	− 5	34.06	− 6	37.14	+ 6	41.91	0	25.01	+ 3	15.36	+ 6
8	45.26	− 7	33.80	− 3	36.89	+ 6	41.81	− 5	24.84	+ 6	15.55	+ 3
9	45.43	− 7	33.54	+ 1	36.65	+ 4	41.71	− 8	24.67	+ 8	15.73	− 1
10	45.60	− 6	33.28	+ 6	36.41	+ 2	41.60	−10	24.49	+ 7	15.91	− 5
11	45.78	− 3	33.02	+ 8	36.17	− 1	41.49	−10	24.31	+ 6	16.08	− 9
12	45.96	0	32.77	+10	35.93	− 4	41.37	− 8	24.13	+ 3	16.25	−10
13	46.14	+ 2	32.53	+10	35.70	− 6	41.25	− 5	23.95	0	16.42	−10
14	46.33	+ 4	32.29	+ 8	35.47	− 7	41.12	− 1	23.77	− 2	16.57	− 8
15	46.51	+ 6	32.06	+ 5	35.24	− 6	40.99	+ 2	23.59	− 5	16.73	− 5
16	46.70	+ 6	31.83	+ 1	35.01	− 5	40.85	+ 5	23.40	− 6	16.88	− 2
17	46.89	+ 5	31.61	− 2	34.79	− 3	40.71	+ 7	23.21	− 6	17.02	+ 2
18	47.09	+ 4	31.39	− 6	34.57	− 1	40.57	+ 8	23.03	− 5	17.16	+ 5
19	47.29	+ 2	31.17	− 8	34.35	+ 2	40.42	+ 7	22.84	− 4	17.29	+ 8
20	47.49	− 1	30.96	− 9	34.13	+ 4	40.26	+ 6	22.65	− 1	17.42	+ 9
21	47.70	− 3	30.75	− 9	33.91	+ 6	40.10	+ 3	22.46	+ 1	17.54	+ 9
22	47.90	− 5	30.55	− 7	33.70	+ 7	39.94	0	22.27	+ 3	17.66	+ 7
23	48.11	− 6	30.36	− 4	33.49	+ 6	39.77	− 3	22.07	+ 5	17.77	+ 4
24	48.32	− 6	30.16	0	33.29	+ 5	39.59	− 6	21.88	+ 6	17.87	+ 1
25	48.53	− 4	29.98	+ 4	33.08	+ 2	39.42	− 7	21.68	+ 5	17.97	− 3
26	48.75	− 1	29.80	+ 7	32.89	− 1	39.23	− 6	21.49	+ 3	18.07	− 6
27	48.96	+ 2	29.62	+ 8	32.69	− 4	39.05	− 4	21.29	0	18.15	− 7
28	49.18	+ 5	29.45	+ 7	32.50	− 6	38.86	0	21.09	− 3	18.23	− 7
29	49.40	+ 7	29.28	+ 4	32.31	− 6	38.66	+ 4	20.89	− 6	18.31	− 4
30	49.63	+ 7	29.12	0	32.12	− 5	38.46	+ 7	20.69	− 7	18.38	0
Juli 1	49.85	+ 5	28.96	− 4	31.94	− 3	38.25	+ 9	20.48	− 7	18.45	+ 3
2	50.07	+ 2	28.81	− 6	31.76	0	38.05	+ 8	20.28	− 5	18.51	+ 6
3	50.30	− 1	28.67	− 8	31.58	+ 3	37.83	+ 5	20.08	− 2	18.57	+ 8
4	50.53	− 4	28.53	− 7	31.41	+ 5	37.62	+ 1	19.87	+ 2	18.62	+ 7
sec δ, tg δ	85° 10′ 30″	11.889	−11.847		85° 20′ 40″	12.321	−12.280		84° 41′ 10″	10.798	−10.751	
	40	11.896	−11.854		50	12.328	−12.287		20	10.803	−10.757	

1918	Octantis 20 G. 7^m				Octantis 26 G. $6^m - 7^m$				χ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$14^h 47^m$ s	in s 0.01	−87° 49′ ″	in ″ 0.01	$16^h 30^m$ s	in s 0.01	−86° 13′ ″	in ″ 0.01	$18^h 7^m$ s	in s 0.01	−87° 39′ ″	in ″ 0.01
Mai 28	29.20	+12	24.52	+3	39.25	+6	10.61	+5	44.30	+5	41.79	+7
29	29.09	+12	24.84	−1	39.34	+7	10.92	+1	44.65	+10	42.04	+4
30	28.97	+8	25.16	−5	39.43	+7	11.23	−3	44.98	+12	42.30	−1
31	28.84	+2	25.48	−7	39.51	+4	11.54	−7	45.31	+10	42.56	−5
Juni 1	28.70	−6	25.79	−8	39.59	0	11.86	−9	45.64	+6	42.83	−8
2	28.56	−12	26.10	−6	39.66	−4	12.17	−9	45.95	−1	43.09	−9
3	28.41	−16	26.41	−3	39.72	−8	12.49	−6	46.26	−7	43.36	−8
4	28.24	−16	26.72	+1	39.78	−10	12.80	−2	46.56	−12	43.63	−5
5	28.07	−13	27.02	+5	39.84	−9	13.11	+2	46.85	−15	43.90	−1
6	27.90	−5	27.32	+8	39.88	−7	13.42	+6	47.13	−13	44.18	+4
7	27.71	+3	27.62	+8	39.93	−2	13.74	+8	47.40	−8	44.45	+7
8	27.51	+11	27.92	+6	39.96	+3	14.05	+9	47.66	0	44.73	+9
9	27.31	+17	28.21	+3	39.99	+8	14.36	+7	47.91	+7	45.01	+9
10	27.10	+19	28.50	−1	40.01	+11	14.67	+4	48.16	+14	45.29	+7
11	26.87	+18	28.79	−5	40.03	+12	14.98	0	48.39	+18	45.58	+4
12	26.64	+14	29.07	−8	40.04	+11	15.29	−4	48.62	+18	45.86	0
13	26.41	+7	29.35	−9	40.05	+8	15.60	−7	48.84	+16	46.14	−4
14	26.16	0	29.63	−9	40.05	+5	15.91	−9	49.05	+12	46.43	−7
15	25.91	−6	29.90	−8	40.05	0	16.22	−9	49.26	+5	46.72	−8
16	25.65	−11	30.17	−5	40.04	−4	16.52	−7	49.45	−1	47.01	−8
17	25.39	−14	30.44	−2	40.02	−7	16.82	−5	49.63	−7	47.30	−7
18	25.11	−15	30.70	+2	40.00	−9	17.13	−1	49.80	−12	47.59	−4
19	24.83	−13	30.96	+6	39.98	−10	17.43	+2	49.97	−15	47.88	−1
20	24.54	−9	31.22	+8	39.95	−9	17.73	+5	50.13	−16	48.18	+2
21	24.24	−3	31.47	+9	39.91	−6	18.03	+8	50.27	−14	48.47	+5
22	23.93	+2	31.72	+9	39.87	−3	18.33	+9	50.41	−10	48.77	+8
23	23.62	+8	31.97	+7	39.82	+1	18.62	+9	50.54	−4	49.06	+9
24	23.30	+12	32.21	+4	39.77	+5	18.91	+7	50.66	+3	49.36	+8
25	22.97	+13	32.45	0	39.71	+7	19.20	+3	50.77	+8	49.66	+5
26	22.64	+10	32.68	−4	39.65	+7	19.49	−1	50.87	+12	49.96	+1
27	22.30	+5	32.91	−7	39.58	+6	19.78	−5	50.96	+12	50.25	−3
28	21.95	−2	33.13	−8	39.51	+3	20.07	−8	51.05	+9	50.55	−7
29	21.60	−9	33.35	−7	39.43	−1	20.35	−9	51.12	+3	50.85	−9
30	21.23	−15	33.57	−4	39.34	−6	20.63	−7	51.18	−4	51.15	−9
Juli 1	20.86	−16	33.78	−1	39.25	−9	20.91	−4	51.24	−10	51.45	−7
2	20.48	−14	33.99	+3	39.16	−9	21.19	0	51.28	−13	51.76	−3
3	20.10	−8	34.19	+6	39.06	−7	21.46	+4	51.32	−14	52.06	+2
4	19.71	0	34.39	+8	38.95	−4	21.73	+8	51.34	−10	52.35	+6
sec δ, tg δ	87° 49′ 20″		26.316	−26.297	86° 13′ 10″		15.166	−15.133	87° 39′ 40″		24.504	−24.483
	30		26.349	−26.330	20		15.178	−15.145	50		24.533	−24.513

1918	σ Octantis 6^m				β Octantis 4^m.1				τ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	19h 31m	in 0.01 s	−89° 13′	in 0.01″	22h 37m	in 0.01 s	−81° 48′	in 0.01″	23h 16m	in 0.01 s	−87° 55′	in 0.01″
Mai 28	34.31	+2	0.15	+7	49.44	−1	9.87	+5	17.35	−10	24.27	+5
29	35.71	+20	0.32	+5	49.60	+1	9.76	+6	17.92	−2	24.12	+6
30	37.09	+33	0.49	+1	49.76	+3	9.66	+5	18.48	+7	23.98	+6
31	38.46	+36	0.67	−3	49.92	+4	9.57	+3	19.05	+14	23.85	+4
Juni 1	39.81	+29	0.85	−7	50.08	+5	9.48	−1	19.62	+17	23.72	+1
2	41.13	+14	1.03	−9	50.24	+4	9.39	−5	20.20	+17	23.59	−3
3	42.44	−6	1.22	−9	50.40	+2	9.31	−7	20.77	+12	23.47	−6
4	43.73	−25	1.41	−7	50.56	0	9.24	−9	21.35	+4	23.36	−8
5	45.00	−37	1.61	−4	50.72	−2	9.17	−8	21.92	−4	23.25	−8
6	46.25	−40	1.81	+1	50.88	−4	9.10	−5	22.50	−12	23.15	−6
7	47.48	−33	2.01	+6	51.04	−5	9.04	0	23.08	−17	23.05	−2
8	48.69	−16	2.22	+9	51.20	−4	8.99	+4	23.66	−17	22.96	+3
9	49.88	+4	2.43	+10	51.36	−2	8.94	+8	24.24	−14	22.87	+7
10	51.05	+25	2.64	+9	51.52	0	8.90	+10	24.83	−7	22.79	+10
11	52.20	+41	2.86	+7	51.68	+2	8.86	+11	25.42	0	22.71	+11
12	53.32	+50	3.08	+3	51.84	+4	8.82	+9	26.01	+8	22.64	+10
13	54.43	+50	3.30	−1	52.00	+5	8.80	+6	26.59	+13	22.58	+7
14	55.51	+42	3.53	−4	52.16	+5	8.78	+3	27.18	+16	22.52	+4
15	56.57	+28	3.76	−7	52.32	+4	8.76	−1	27.76	+16	22.46	0
16	57.61	+10	4.00	−8	52.48	+3	8.75	−4	28.35	+14	22.42	−3
17	58.62	−9	4.23	−8	52.63	+1	8.75	−7	28.93	+9	22.37	−6
18	59.61	−26	4.47	−6	52.79	−1	8.75	−8	29.51	+3	22.34	−8
19	60.57	−40	4.71	−4	52.95	−3	8.76	−8	30.09	−4	22.31	−9
20	61.51	−47	4.96	−1	53.11	−4	8.77	−7	30.68	−10	22.29	−8
21	62.43	−47	5.20	+2	53.26	−4	8.79	−5	31.26	−15	22.27	−6
22	63.33	−39	5.45	+5	53.42	−5	8.82	−2	31.84	−17	22.26	−3
23	64.20	−24	5.71	+7	53.57	−4	8.85	+2	32.42	−16	22.25	0
24	65.05	−5	5.96	+8	53.72	−2	8.88	+5	33.00	−12	22.25	+4
25	65.87	+15	6.22	+6	53.88	0	8.92	+7	33.58	−5	22.25	+6
26	66.67	+30	6.48	+3	54.03	+2	8.97	+6	34.16	+3	22.26	+8
27	67.44	+38	6.75	−1	54.17	+4	9.02	+5	34.73	+11	22.28	+6
28	68.19	+36	7.01	−5	54.32	+5	9.07	+1	35.30	+16	22.30	+3
29	68.91	+24	7.28	−8	54.47	+4	9.13	−3	35.87	+18	22.32	−1
30	69.61	+5	7.55	−9	54.62	+3	9.20	−6	36.44	+15	22.35	−5
Juli 1	70.28	−15	7.82	−8	54.76	+1	9.27	−8	37.01	+8	22.38	−7
2	70.92	−31	8.10	−5	54.91	−2	9.34	−8	37.57	0	22.43	−8
3	71.53	−39	8.37	−1	55.05	−3	9.42	−6	38.14	−9	22.47	−7
4	72.12	−37	8.65	+4	55.19	−5	9.51	−2	38.69	−15	22.53	−3
sec δ, tg δ	89° 13′ 0″	73.146	−73.139		81° 48′ 0″	7.011	−6.940		87° 55′ 20″	27.582	−27.563	
	10	73.406	−73.399		10	7.014	−6.942		30	27.618	−27.600	

1918	Octantis 4 G. 6ᵐ				ζ Octantis 6ᵐ–5ᵐ				ι Octantis 6ᵐ–5ᵐ			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	1ʰ 41ᵐ	in ˢ 0.01	−85° 10′	in ″ 0.01	9ʰ 8ᵐ	in ˢ 0.01	−85° 20′	in ″ 0.01	12ʰ 46ᵐ	in ˢ 0.01	−84° 41′	in ″ 0.01
Juli 4	50.53	−4	28.53	−7	31.41	+5	37.62	+1	19.87	+2	18.62	+7
5	50.76	−7	28.39	−4	31.24	+6	37.40	−3	19.67	+5	18.66	+4
6	50.99	−7	28.27	0	31.08	+5	37.18	−7	19.47	+7	18.70	0
7	51.22	−6	28.15	+4	30.91	+3	36.95	−9	19.26	+8	18.73	−4
8	51.45	−4	28.03	+7	30.76	0	36.72	−10	19.06	+6	18.76	−7
9	51.69	−1	27.92	+9	30.60	−3	36.49	−9	18.85	+4	18.78	−9
10	51.93	+1	27.81	+10	30.45	−5	36.25	−6	18.64	+1	18.80	−10
11	52.17	+4	27.71	+9	30.30	−6	36.01	−3	18.44	−1	18.81	−9
12	52.41	+5	27.62	+6	30.15	−7	35.76	+1	18.23	−4	18.81	−6
13	52.65	+6	27.53	+3	30.01	−6	35.51	+4	18.03	−5	18.81	−3
14	52.89	+6	27.44	−1	29.87	−4	35.26	+7	17.82	−6	18.80	+1
15	53.13	+4	27.37	−5	29.74	−1	35.01	+8	17.62	−5	18.79	+4
16	53.37	+2	27.29	−8	29.61	+1	34.75	+8	17.41	−4	18.77	+7
17	53.61	0	27.23	−9	29.49	+4	34.50	+7	17.21	−2	18.75	+9
18	53.85	−2	27.17	−10	29.37	+6	34.23	+4	17.00	0	18.72	+9
19	54.10	−5	27.12	−9	29.25	+7	33.97	+1	16.80	+3	18.68	+8
20	54.34	−6	27.07	−6	29.14	+7	33.70	−2	16.59	+4	18.64	+6
21	54.59	−6	27.02	−2	29.03	+6	33.43	−5	16.39	+5	18.59	+3
22	54.83	−4	26.99	+2	28.93	+3	33.15	−6	16.19	+6	18.53	−1
23	55.08	−2	26.96	+5	28.83	0	32.88	−6	15.98	+4	18.47	−5
24	55.32	+1	26.93	+7	28.73	−3	32.60	−5	15.78	+1	18.41	−7
25	55.57	+4	26.91	+8	28.64	−5	32.32	−2	15.58	−2	18.34	−7
26	55.81	+6	26.90	+6	28.55	−6	32.04	+2	15.38	−4	18.26	−6
27	56.06	+7	26.89	+2	28.47	−6	31.75	+5	15.18	−6	18.18	−2
28	56.30	+6	26.89	−2	28.39	−4	31.47	+8	14.99	−7	18.10	+1
29	56.55	+3	26.89	−5	28.32	−1	31.18	+8	14.79	−5	18.01	+5
30	56.79	0	26.90	−7	28.25	+2	30.89	+6	14.59	−3	17.91	+7
31	57.04	−3	26.92	−7	28.19	+4	30.60	+3	14.39	+1	17.81	+7
Aug. 1	57.28	−6	26.94	−5	28.13	+6	30.30	−2	14.20	+4	17.70	+5
2	57.52	−7	26.97	−2	28.08	+6	30.01	−6	14.01	+6	17.58	+2
3	57.77	−7	27.01	+2	28.03	+4	29.71	−9	13.82	+8	17.46	−2
4	58.01	−5	27.05	+6	27.98	+1	29.42	−10	13.63	+7	17.34	−6
5	58.24	−3	27.09	+9	27.94	−2	29.12	−10	13.44	+5	17.21	−9
6	58.48	0	27.14	+10	27.90	−4	28.82	−7	13.25	+2	17.07	−10
7	58.72	+3	27.20	+9	27.87	−6	28.52	−4	13.07	0	16.93	−9
8	58.96	+5	27.26	+7	27.84 27.82	−7 −6	28.22 27.91	0 +3	12.89	−3	16.79	−7
9	59.20	+6	27.33	+4	27.80	−5	27.61	+6	12.71	−5	16.64	−4
10	59.43	+6	27.41	0	27.78	−3	27.30	+8	12.53	−6	16.48	0
sec δ, tg δ	85° 10′ 20″ 30	11.882 11.889	−11.840 −11.847		85° 20′ 30″ 40	12.313 12.321	−12.273 −12.280		84° 41′ 10″ 20	10.798 10.803	−10.751 −10.757	

1918	Octantis 20 G. 7^m				Octantis 26 G. $6^m - 7^m$				χ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$14^h 47^m$	in 0.01^s	$-87° 49'$	in $0.01''$	$16^h 30^m$	in 0.01^s	$-86° 13'$	in $0.01''$	$18^h 7^m$	in 0.01^s	$-87° 39'$	in $0.01''$
Juli 4	$19^s.71$	0	$34''.39$	+ 8	$38^s.95$	− 4	$21''.73$	+ 8	$51^s.34$	−10	$52''.35$	+ 6
5	19.32	+ 8	34.58	+ 7	38.84	+ 1	22.00	+ 9	51.36	− 4	52.65	+ 9
6	18.92	+15	34.77	+ 5	38.72	+ 6	22.27	+ 8	51.37	+ 4	52.95	+ 9
7	18.52	+18	34.95	+ 1	38.60	+10	22.53	+ 5	51.37	+11	53.24	+ 8
8	18.11	+18	35.13	− 3	38.47	+12	22.79	+ 1	51.36	+16	53.54	+ 5
9	17.70	+15	35.30	− 7	38.34	+11	23.05	− 3	51.34	+18	53.83	+ 1
10	17.28	+ 9	35.47	− 9	38.20	+ 9	23.31	− 6	51.31	+17	54.13	− 3
11	16.85	+ 3	35.63	− 9	38.06	+ 6	23.56	− 8	51.27	+13	54.43	− 6
12	16.41	− 4	35.79	− 8	37.91	+ 2	23.81	− 9	51.22	+ 8	54.72	− 8
13	15.98	−10	35.95	− 6	37.76	− 2	24.05	− 8	51.16	+ 1	55.01	− 8
14	15.53	−13	36.09	− 3	37.60	− 6	24.29	− 6	51.09	− 5	55.30	− 7
15	15.09	−15	36.24	+ 1	37.44	− 9	24.53	− 2	51.02	−11	55.59	− 5
16	14.64	−14	36.38	+ 4	37.27	−10	24.77	+ 1	50.93	−15	55.88	− 2
17	14.18	−11	36.51	+ 7	37.10	−10	25.00	+ 4	50.84	−16	56.17	+ 1
18	13.72	− 6	36.64	+ 9	36.93	− 8	25.23	+ 7	50.73	−16	56.45	+ 4
19	13.26	0	36.76	+10	36.75	− 5	25.45	+ 9	50.62	−12	56.73	+ 7
20	12.79	+ 5	36.88	+ 9	36.56	− 1	25.67	+ 9	50.50	− 7	57.02	+ 8
21	12.31	+10	37.00	+ 6	36.37	+ 3	25.89	+ 8	50.36	0	57.30	+ 8
22	11.83	+12	37.10	+ 2	36.17	+ 6	26.10	+ 5	50.22	+ 6	57.58	+ 6
23	11.35	+11	37.21	− 2	35.98	+ 7	26.31	0	50.07	+10	57.85	+ 3
24	10.87	+ 7	37.30	− 6	35.77	+ 7	26.51	− 4	49.91	+12	58.13	− 1
25	10.38	+ 1	37.39	− 8	35.57	+ 4	26.71	− 7	49.75	+11	58.40	− 5
26	9.89	− 6	37.48	− 8	35.36	+ 1	26.91	− 9	49.57	+ 6	58.67	− 8
27	9.40	−12	37.56	− 6	35.15	− 4	27.10	− 9	49.38	0	58.94	− 9
28	8.91	−15	37.63	− 3	34.93	− 7	27.29	− 6	49.18	− 6	59.20	− 8
29	8.41	−15	37.70	+ 1	34.71	− 9	27.47	− 2	48.98	−11	59.46	− 5
30	7.90	−10	37.76	+ 5	34.48	− 8	27.65	+ 2	48.76	−13	59.72	0
31	7.40	− 3	37.82	+ 7	34.25	− 5	27.83	+ 6	48.54	−11	59.98	+ 4
Aug. 1	6.89	+ 5	37.87	+ 7	34.01	0	28.00	+ 8	48.31	− 6	60.24	+ 8
2	6.38	+13	37.92	+ 6	33.77	+ 4	28.16	+ 8	48.07	+ 2	60.49	+ 9
3	5.87	+18	37.96	+ 3	33.53	+ 9	28.32	+ 6	47.82	+ 9	60.74	+ 9
4	5.36	+19	37.99	− 2	33.29	+11	28.48	+ 3	47.56	+14	60.99	+ 6
5	4.85	+17	38.02	− 5	33.04	+12	28.63	− 1	47.30	+18	61.23	+ 3
6	4.34	+12	38.04	− 8	32.80	+10	28.77	− 5	47.03	+18	61.47	− 1
7	3.82	+ 5	38.06	− 9	32.54	+ 7	28.91	− 7	46.75	+15	61.71	− 5
8	3.31	− 2	38.07	− 9	32.29	+ 3	29.05	− 9	46.47	+10	61.94	− 7
9	2.79	− 8	38.08	− 7	32.03	− 1	29.18	− 8	46.17	+ 3	62.17	− 8
10	2.27	−13	38.08	− 4	31.76	− 5	29.30	− 7	45.87	− 3	62.40	− 8
sec δ, tg δ	87° 49′ 30″	26.349	−26.330		86° 13′ 20″	15.178	−15.145		87° 39′ 50″	24.533	−24.513	
	40	26.383	−26.364		30	15.189	−15.156		60	24.562	−24.542	

1918	σ Octantis 6^m				β Octantis $4^m.1$				τ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$19^h 32^m$	in s 0.01	−89° 13′	in ″ 0.01	$22^h 37^m$	in s 0.01	−81° 48′	in ″ 0.01	$23^h 16^m$	in s 0.01	−87° 55′	in ″ 0.01
Juli 4	s 12.12	−37	″ 8.65	+ 4	s 55.19	− 5	″ 9.51	− 2	s 38.69	−15	″ 22.53	− 3
5	12.68	−24	8.93	+ 8	55.34	− 4	9.60	+ 2	39.25	−17	22.59	+ 1
6	13.21	− 5	9.21	+10	55.48	− 3	9.70	+ 6	39.80	−15	22.65	+ 5
7	13.72	+16	9.49	+10	55.61	− 1	9.80	+ 9	40.35	−10	22.72	+ 8
8	14.20	+35	9.77	+ 8	55.75	+ 1	9.91	+10	40.89	− 3	22.80	+10
9	14.65	+46	10.06	+ 5	55.89	+ 3	10.02	+10	41.43	+ 5	22.88	+10
10	15.08	+50	10.35	+ 1	56.03	+ 4	10.14	+ 7	41.97	+11	22.97	+ 8
11	15.48	+45	10.64	− 3	56.16	+ 5	10.27	+ 4	42.51	+15	23.06	+ 5
12	15.85	+33	10.93	− 6	56.29	+ 5	10.39	0	43.04	+17	23.16	+ 2
13	16.19	+16	11.22	− 8	56.42	+ 3	10.53	− 3	43.56	+15	23.26	− 2
14	16.51	− 3	11.51	− 8	56.55	+ 2	10.67	− 6	44.08	+10	23.37	− 5
15	16.80	−21	11.80	− 7	56.68	0	10.81	− 8	44.60	+ 5	23.48	− 8
16	17.05	−36	12.10	− 5	56.81	− 2	10.95	− 9	45.11	− 2	23.60	− 9
17	17.28	−46	12.39	− 2	56.93	− 4	11.11	− 8	45.61	− 8	23.73	− 9
18	17.49	−49	12.69	+ 1	57.05	− 5	11.26	− 6	46.11	−14	23.86	− 7
19	17.66	−45	12.98	+ 4	57.17	− 5	11.42	− 3	46.61	−17	23.99	− 5
20	17.80	−32	13.28	+ 7	57.29	− 5	11.59	0	47.10	−17	24.13	− 1
21	17.92	−14	13.57	+ 7	57.41	− 3	11.76	+ 3	47.59	−14	24.28	+ 2
22	18.01	+ 6	13.87	+ 7	57.52	− 1	11.93	+ 6	48.07	− 8	24.43	+ 5
23	18.07	+24	14.16	+ 4	57.63	+ 1	12.11	+ 6	48.55	0	24.58	+ 7
24	18.10	+36	14.46	+ 1	57.74	+ 3	12.30	+ 6	49.01	+ 8	24.74	+ 6
25	18.10	+38	14.76	− 3	57.85	+ 4	12.48	+ 3	49.47	+15	24.90	+ 4
26	18.07	+31	15.05	− 7	57.96	+ 5	12.68	0	49.93	+18	25.07	+ 1
27	18.02	+15	15.35	− 9	58.07	+ 4	12.87	− 4	50.38	+17	25.24	− 3
28	17.93	− 4	15.64	− 8	58.17	+ 2	13.07	− 7	50.82	+11	25.42	− 6
29	17.82	−23	15.94	− 6	58.27	0	13.28	− 8	51.25	+ 3	25.60	− 7
30	17.68	−34	16.23	− 3	58.37	− 3	13.49	− 6	51.68	− 5	25.79	− 7
31	17.50	−36	16.52	+ 2	58.47	− 4	13.70	− 3	52.11	−13	25.99	− 4
Aug. 1	17.30	−28	16.82	+ 6	58.57	− 4	13.92	+ 1	52.52	−17	26.18	− 1
2	17.08	−12	17.11	+ 9	58.66	− 3	14.14	+ 5	52.93	−16	26.39	+ 4
3	16.82	+ 9	17.40	+10	58.75	− 2	14.36	+ 8	53.33	−12	26.59	+ 7
4	16.53	+29	17.69	+ 9	58.84	0	14.59	+10	53.72	− 5	26.80	+10
5	16.22	+43	17.98	+ 6	58.92	+ 2	14.82	+10	54.10	+ 2	27.01	+10
6	15.88	+50	18.27	+ 2	59.00	+ 4	15.05	+ 8	54.48	+ 9	27.23	+ 9
7	15.51	+48	18.56	− 2	59.08	+ 5	15.29	+ 5	54.84	+14	27.45	+ 6
8	15.11	+38	18.84	− 5	59.16	+ 5	15.53	+ 2	55.20	+17	27.67	+ 3
9	14.68	+23	19.12	− 7	59.24	+ 4	15.78	− 2	55.56	+16	27.90	− 1
10	14.22	+ 4	19.41	− 8	59.31	+ 3	16.03	− 5	55.91	+12	28.13	− 4
sec δ, tg δ	89° 13′ 10″	73.406	−73.399		81° 48′ 10″	7.014	−6.942		87° 55′ 20″	27.582	−27.563	
	20	73.668	−73.661		20	7.016	−6.944		30	27.618	−27.600	

1918	Octantis 4 G. 6^m				ζ Octantis 6^m-5^m				ι Octantis 6^m-5^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$1^h 41^m$ s	in 0.01 s	−85° 10′ ″	in 0.01 ″	$9^h 8^m$ s	in 0.01 s	−85° 20′ ″	in 0.01 ″	$12^h 46^m$ s	in 0.01 s	−84° 41′ ″	in 0.01 ″
Aug. 10	59.43	+ 6	27.41	0	27.78	− 3	27.30	+ 8	12.53	− 6	16.48	0
11	59.67	+ 5	27.49	− 3	27.77	0	27.00	+ 8	12.35	− 6	16.32	+ 3
12	59.90	+ 3	27.58	− 7	27.77	+ 3	26.69	+ 7	12.17	− 5	16.15	+ 6
13	60.13	+ 1	27.67	− 9	27.77	+ 5	26.39	+ 5	12.00	− 3	15.98	+ 8
14	60.36	− 1	27.77	−10	27.77	+ 6	26.08	+ 3	11.83	− 1	15.80	+ 9
15	60.58	− 4	27.87	−10	27.78	+ 7	25.78	0	11.66	+ 2	15.62	+ 9
16	60.81	− 5	27.98	− 8	27.80	+ 6	25.47	− 3	11.50	+ 4	15.44	+ 7
17	61.03	− 6	28.10	− 4	27.82	+ 5	25.17	− 5	11.34	+ 5	15.25	+ 4
18	61.26	− 5	28.22	0	27.84	+ 2	24.86	− 6	11.18	+ 5	15.06	+ 1
19	61.48	− 3	28.35	+ 3	27.87	− 1	24.56	− 5	11.02	+ 4	14.86	− 3
20	61.70	0	28.48	+ 6	27.90	− 4	24.25	− 3	10.86	+ 2	14.66	− 5
21	61.91	+ 3	28.62	+ 7	27.94	− 6	23.95	+ 1	10.71	0	14.45	− 6
22	62.13	+ 5	28.77	+ 6	27.99	− 6	23.65	+ 4	10.56	− 3	14.24	− 6
23	62.34	+ 7	28.91	+ 4	28.03	− 5	23.34	+ 7	10.41	− 6	14.03	− 3
24	62.55	+ 6	29.07	0	28.09	− 2	23.04	+ 8	10.27	− 7	13.81	0
25	62.76	+ 4	29.23	− 4	28.15	+ 1	22.75	+ 7	10.12	− 6	13.59	+ 3
26	62.96	+ 1	29.39	− 6	28.21	+ 3	22.45	+ 4	9.98	− 4	13.36	+ 6
27	63.16	− 2	29.56	− 7	28.28	+ 5	22.15	0	9.84	− 1	13.13	+ 7
28	63.36	− 5	29.74	− 6	28.35	+ 6	21.85	− 4	9.71	+ 3	12.89	+ 6
29	63.56	− 7	29.92	− 3	28.43	+ 4	21.55	− 8	9.58	+ 6	12.65	+ 3
30	63.76	− 7	30.11	+ 1	28.51	+ 2	21.25	−10	9.45	+ 7	12.40	− 1
31	63.95	− 6	30.30	+ 5	28.60	0	20.96	−10	9.33	+ 8	12.15	− 5
Sept. 1	64.14	− 4	30.49	+ 8	28.69	− 3	20.67	− 9	9.20	+ 6	11.90	− 8
2	64.32	− 1	30.69	+10	28.79	− 5	20.38	− 5	9.09	+ 4	11.64	−10
3	64.51	+ 2	30.89	+10	28.89	− 7	20.10	− 2	8.97	+ 1	11.39	−10
4	64.68	+ 4	31.10	+ 8	28.99	− 6	19.82	+ 2	8.86	− 2	11.13	− 8
5	64.86	+ 6	31.31	+ 6	29.10	− 5	19.54	+ 5	8.75	− 4	10.86	− 6
6	65.03	+ 6	31.53	+ 2	29.21	− 3	19.26	+ 7	8.65	− 6	10.60	− 2
7	65.20	+ 5	31.76	− 2	29.33	− 1	18.98	+ 8	8.55	− 6	10.33	+ 2
8	65.37	+ 4	31.99	− 5	29.45	+ 2	18.70	+ 8	8.45	− 5	10.05	+ 5
9	65.54	+ 2	32.22	− 8	29.58	+ 4	18.43	+ 6	8.36	− 4	9.77	+ 8
10	65.70	0	32.46	−10	29.71	+ 6	18.16	+ 4	8.26	− 2	9.49	+ 9
11	65.85	− 3	32.70	−10	29.85	+ 7	17.90	+ 1	8.18	0	9.21	+ 9
12	66.01	− 5	32.94	− 8	29.99	+ 7	17.63	− 2	8.10	+ 3	8.92	+ 9
13	66.15	− 5	33.19	− 6	30.13	+ 5	17.38	− 4	8.02	+ 4	8.64	+ 6
14	66.30	− 5	33.44	− 2	30.28	+ 3	17.12	− 6	7.94	+ 5	8.35	+ 3
15	66.44	− 4	33.69	+ 1	30.43	0	16.87	− 5	7.88	+ 5	8.06	− 1
16	66.57	− 1	33.95	+ 5	30.59	− 3	16.62	− 3	7.81	+ 3	7.76	− 4
sec δ, tg δ	85° 10′ 30″	11.889	−11.847		85° 20′ 20″	12.306	−12.265		84° 41′ 10″	10.798	−10.751	
	40	11.896	−11.854		30	12.313	−12.273		20	10.803	−10.757	

1918	Octantis 20 G. 7ᵐ				Octantis 26 G. 6ᵐ–7ᵐ				χ Octantis 6ᵐ			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$14^h 46^m$	in s 0.01	−87° 49′	in ″ 0.01	$16^h 30^m$	in s 0.01	−86° 13′	in ″ 0.01	$18^h 7^m$	in s 0.01	−87° 40′	in ″ 0.01
Aug. 10	62.27	−13	38.08	− 4	31.76	− 5	29.30	− 7	45.87	− 3	2.40	− 8
11	61.74	−15	38.07	− 1	31.49	− 8	29.42	− 4	45.55	− 9	2.62	− 6
12	61.22	−15	38.06	+ 3	31.22	−10	29.54	0	45.23	−14	2.84	− 4
13	60.71	−12	38.04	+ 6	30.95	−10	29.65	+ 3	44.91	−16	3.06	0
14	60.19	− 8	38.01	+ 9	30.68	− 9	29.75	+ 6	44.58	−16	3.27	+ 3
15	59.67	− 3	37.98	+10	30.41	− 6	29.85	+ 9	44.24	−14	3.48	+ 6
16	59.16	+ 3	37.95	+10	30.13	− 3	29.95	+10	43.89	−10	3.68	+ 8
17	58.64	+ 8	37.91	+ 8	29.85	+ 1	30.04	+ 9	43.54	− 4	3.88	+ 8
18	58.13	+11	37.86	+ 4	29.57	+ 4	30.12	+ 6	43.18	+ 2	4.07	+ 7
19	57.61	+11	37.81	0	29.28	+ 6	30.20	+ 2	42.81	+ 8	4.26	+ 4
20	57.09	+ 8	37.75	− 4	28.99	+ 6	30.28	− 2	42.43	+11	4.45	0
21	56.58	+ 3	37.68	− 7	28.70	+ 5	30.34	− 6	42.04	+11	4.64	− 4
22	56.06	− 3	37.61	− 8	28.41	+ 2	30.41	− 8	41.65	+ 8	4.82	− 7
23	55.56	−10	37.54	− 7	28.12	− 2	30.46	− 9	41.26	+ 2	4.99	− 9
24	55.05	−14	37.46	− 4	27.83	− 6	30.51	− 7	40.86	− 4	5.16	− 9
25	54.55	−15	37.37	− 1	27.53	− 8	30.56	− 4	40.45	− 9	5.33	− 6
26	54.05	−12	37.28	+ 3	27.23	− 8	30.60	+ 1	40.04	−12	5.49	− 2
27	53.56	− 6	37.18	+ 6	26.94	− 6	30.63	+ 5	39.63	−11	5.64	+ 2
28	53.07	+ 3	37.07	+ 7	26.64	− 2	30.66	+ 8	39.21	− 7	5.79	+ 7
29	52.57	+11	36.96	+ 6	26.34	+ 3	30.68	+ 8	38.78	− 1	5.93	+ 9
30	52.08	+17	36.84	+ 4	26.03	+ 8	30.70	+ 7	38.34	+ 7	6.07	+ 9
31	51.59	+19	36.72	0	25.73	+11	30.71	+ 4	37.90	+13	6.21	+ 8
Sept. 1	51.11	+19	36.59	− 4	25.43	+12	30.71	0	37.45	+18	6.34	+ 4
2	50.63	+15	36.45	− 7	25.13	+11	30.71	− 4	37.00	+19	6.46	0
3	50.16	+ 8	36.32	− 9	24.82	+ 9	30.70	− 7	36.55	+17	6.58	− 4
4	49.69	+ 1	36.17	−10	24.52	+ 5	30.69	− 9	36.10	+12	6.70	− 6
5	49.23	− 5	36.02	− 8	24.22	+ 1	30.67	− 9	35.64	+ 6	6.81	− 8
6	48.77	−11	35.87	− 6	23.92	− 3	30.64	− 8	35.18	0	6.91	− 8
7	48.32	−14	35.71	− 2	23.62	− 7	30.61	− 5	34.71	− 7	7.01	− 7
8	47.86	−15	35.54	+ 1	23.31	− 9	30.57	− 2	34.23	−12	7.10	− 5
9	47.41	−13	35.37	+ 5	23.01	−10	30.53	+ 2	33.75	−16	7.19	− 2
10	46.97	−10	35.19	+ 8	22.71	−10	30.49	+ 5	33.27	−16	7.28	+ 2
11	46.53	− 5	35.01	+ 9	22.40	− 7	30.43	+ 8	32.78	−16	7.35	+ 5
12	46.10	0	34.83	+10	22.10	− 4	30.37	+ 9	32.29	−12	7.42	+ 7
13	45.68	+ 5	34.64	+ 9	21.80	− 1	30.31	+ 9	31.80	− 7	7.49	+ 8
14	45.26	+ 9	34.45	+ 6	21.50	+ 2	30.24	+ 7	31.31	− 1	7.55	+ 8
15	44.85	+10	34.25	+ 2	21.20	+ 5	30.16	+ 4	30.82	+ 5	7.60	+ 5
16	44.45	+ 9	34.05	− 2	20.91	+ 6	30.08	0	30.33	+ 8	7.65	+ 2
sec δ, tg δ	87° 49′ 30″	26.349	−26.330		86° 13′ 20″	15.178	−15.145		87° 40′ 0″	24.562	−24.542	
	40	26.383	−26.364		30	15.189	−15.156		10	24.591	−24.571	

1918	σ Octantis 6^m				β Octantis 4^m.1				τ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$19^h 31^m$ s	in s 0.01	$-89° 13'$ "	in " 0.01	$22^h 37^m$ s	in s 0.01	$-81° 48'$ "	in " 0.01	$23^h 16^m$ s	in s 0.01	$-87° 55'$ "	in " 0.01
Aug. 10	74.22	+ 4	19.41	− 8	59.31	+ 3	16.03	− 5	55.91	+12	28.13	− 4
11	73.74	−15	19.69	− 8	59.38	+ 1	16.28	− 7	56.24	+ 7	28.37	− 7
12	73.23	−31	19.96	− 6	59.45	− 1	16.54	− 9	56.57	+ 1	28.61	− 9
13	72.69	−43	20.24	− 3	59.51	− 3	16.80	− 8	56.89	− 6	28.85	− 9
14	72.12	−49	20.51	0	59.58	− 5	17.06	− 7	57.20	−12	29.10	− 8
15	71.53	−48	20.79	+ 3	59.64	− 5	17.32	− 5	57.49	−16	29.35	− 6
16	70.91	−40	21.06	+ 6	59.69	− 5	17.58	− 2	57.78	−18	29.60	− 3
17	70.27	−24	21.32	+ 7	59.75	− 4	17.84	+ 2	58.06	−16	29.86	0
18	69.60	− 5	21.59	+ 7	59.80	− 2	18.11	+ 4	58.33	−11	30.12	+ 3
19	68.90	+14	21.86	+ 5	59.85	0	18.39	+ 6	58.60	− 4	30.39	+ 5
20	68.17	+29	22.12	+ 2	59.90	+ 2	18.66	+ 6	58.85	+ 5	30.66	+ 6
21	67.42	+36	22.38	− 2	59.94	+ 4	18.94	+ 4	59.10	+12	30.93	+ 5
22	66.64	+33	22.63	− 5	59.98	+ 5	19.22	+ 1	59.33	+16	31.20	+ 2
23	65.84	+21	22.88	− 8	60.02	+ 4	19.50	− 3	59.55	+17	31.48	− 2
24	65.01	+ 4	23.13	− 9	60.06	+ 3	19.78	− 6	59.77	+14	31.75	− 5
25	64.16	−14	23.38	− 8	60.09	+ 1	20.07	− 7	59.97	+ 7	32.03	− 7
26	63.28	−29	23.62	− 4	60.13	− 2	20.35	− 7	60.16	− 2	32.31	− 7
27	62.38	−34	23.86	0	60.15	− 3	20.63	− 4	60.34	−10	32.60	− 5
28	61.45	−30	24.09	+ 5	60.18	− 4	20.92	0	60.51	−15	32.88	− 2
29	60.49	−16	24.32	+ 9	60.20	− 4	21.21	+ 4	60.67	−17	33.17	+ 2
30	59.52	+ 3	24.55	+10	60.22	− 2	21.51	+ 8	60.82	−14	33.47	+ 7
31	58.52	+23	24.78	+10	60.24	0	21.80	+10	60.96	− 8	33.76	+10
Sept. 1	57.49	+40	25.00	+ 7	60.25	+ 2	22.09	+11	61.09	− 1	34.05	+11
2	56.45	+50	25.22	+ 4	60.26	+ 4	22.39	+10	61.21	+ 7	34.35	+10
3	55.38	+51	25.43	0	60.27	+ 5	22.68	+ 7	61.32	+13	34.65	+ 8
4	54.29	+44	25.64	− 4	60.27	+ 5	22.97	+ 3	61.42	+16	34.95	+ 5
5	53.18	+30	25.84	− 6	60.27	+ 4	23.27	0	61.51	+17	35.25	+ 1
6	52.05	+12	26.04	− 8	60.27	+ 3	23.56	− 4	61.58	+14	35.55	− 3
7	50.90	− 7	26.24	− 8	60.27	+ 1	23.86	− 6	61.65	+ 9	35.85	− 6
8	49.73	−24	26.43	− 7	60.26	0	24.16	− 8	61.71	+ 4	36.16	− 8
9	48.53	−38	26.62	− 4	60.25	− 2	24.46	− 9	61.75	− 3	36.47	− 9
10	47.32	−47	26.80	− 1	60.24	− 4	24.76	− 8	61.79	− 9	36.78	− 9
11	46.10	−49	26.98	+ 2	60.23	− 5	25.06	− 6	61.81	−14	37.09	− 7
12	44.85	−44	27.16	+ 4	60.21	− 5	25.36	− 3	61.82	−17	37.39	− 4
13	43.58	−32	27.33	+ 6	60.19	− 5	25.66	0	61.82	−17	37.70	− 1
14	42.29	−15	27.50	+ 7	60.17	− 3	25.95	+ 3	61.81	−13	38.01	+ 2
15	40.99	+ 4	27.66	+ 6	60.14	− 1	26.24	+ 5	61.78	− 7	38.32	+ 4
16	39.67	+20	27.81	+ 3	60.11	+ 1	26.54	+ 5	61.75	+ 1	38.62	+ 5

sec δ, tg δ	σ Octantis			β Octantis			τ Octantis		
	89° 13' 20"	73.668	−73.661	81° 48' 20"	7.016	−6.944	87° 55' 30"	27.618	−27.600
	30	73.932	−73.926	30	7.018	−6.947	40	27.655	−27.637

1918	Octantis 4 G. 6ᵐ				ζ Octantis 6ᵐ – 5ᵐ				ι Octantis 6ᵐ – 5ᵐ			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	1ʰ 42ᵐ	in 0.01ˢ	−85° 10′	in 0.01″	9ʰ 8ᵐ	in 0.01ˢ	−85° 20′	in 0.01″	12ʰ 46ᵐ	in 0.01ˢ	−84° 40′	in 0.01″
Sept. 16	6.57ˢ	− 1	33.95″	+ 5	30.59ˢ	− 3	16.62″	− 3	7.81ˢ	+ 3	67.76″	− 4
17	6.70	+ 2	34.22	+ 7	30.75	− 5	16.37	0	7.75	0	67.47	− 5
18	6.83	+ 5	34.49	+ 6	30.92	− 6	16.13	+ 3	7.69	− 3	67.17	− 6
19	6.96	+ 7	34.76	+ 4	31.09	− 5	15.89	+ 6	7.64	− 6	66.86	− 4
20	7.08	+ 7	35.03	+ 1	31.26	− 3	15.65	+ 8	7.59	− 7	66.56	− 1
21	7.19	+ 6	35.31	− 2	31.44	0	15.42	+ 8	7.54	− 7	66.25	+ 2
22	7.31	+ 3	35.59	− 5	31.62	+ 2	15.19	+ 6	7.50	− 5	65.95	+ 5
23	7.41	− 1	35.87	− 7	31.81	+ 5	14.97	+ 2	7.46	− 2	65.64	+ 7
24	7.52	− 4	36.16	− 6	31.99	+ 6	14.75	− 3	7.43	+ 1	65.34	+ 6
25	7.62	− 6	36.45	− 4	32.19	+ 5	14.54	− 7	7.40	+ 5	65.03	+ 4
26	7.71	− 7	36.74	0	32.38	+ 3	14.33	−10	7.38	+ 7	64.73	0
27	7.80	− 7	37.04	+ 4	32.58	0	14.12	−11	7.36	+ 8	64.42	− 4
28	7.89	− 5	37.34	+ 8	32.79	− 2	13.92	−10	7.34	+ 7	64.11	− 8
29	7.97	− 2	37.64	+10	32.99	− 5	13.72	− 7	7.33	+ 5	63.79	−10
30	8.05	+ 1	37.95	+11	33.20	− 6	13.53	− 4	7.33	+ 2	63.48	−11
Okt. 1	8.12	+ 3	38.25	+ 9	33.42	− 7	13.35	0	7.32	− 1	63.17	−10
2	8.19	+ 5	38.56	+ 7	33.63	− 6	13.16	+ 4	7.33	− 3	62.86	− 7
3	8.25	+ 6	38.86	+ 4	33.85	− 4	12.99	+ 6	{7.33 7.34	− 5 − 6	62.54 62.23	− 4 0
4	8.31	+ 6	39.17	0	34.07	− 2	12.82	+ 7	7.36	− 6	61.92	+ 3
5	8.36	+ 4	39.48	− 4	34.29	+ 1	12.65	+ 7	7.38	− 4	61.61	+ 6
6	8.41	+ 2	39.79	− 7	34.52	+ 3	12.49	+ 6	7.40	− 2	61.30	+ 8
7	8.45	0	40.11	− 9	34.75	+ 5	12.33	+ 4	7.43	0	60.98	+ 9
8	8.49	− 2	40.43	− 9	34.99	+ 6	12.18	+ 2	7.46	+ 2	60.67	+ 8
9	8.53	− 4	40.75	− 9	35.23	+ 7	12.04	− 1	7.50	+ 4	60.36	+ 7
10	8.56	− 5	41.07	− 7	35.47	+ 6	11.90	− 4	7.54	+ 5	60.05	+ 4
11	8.58	− 6	41.39	− 4	35.71	+ 4	11.77	− 5	7.59	+ 5	59.74	0
12	8.60	− 4	41.71	0	35.96	+ 1	11.64	− 5	7.64	+ 4	59.43	− 3
13	8.62	− 2	42.03	+ 3	36.20	− 1	11.52	− 4	7.70	+ 1	59.12	− 5
14	8.63	+ 1	42.35	+ 5	36.45	− 4	11.40	− 1	7.76	− 1	58.82	− 5
15	8.63	+ 3	42.67	+ 6	36.70	− 5	11.29	+ 2	7.82	− 4	58.52	− 4
16	8.63	+ 6	42.99	+ 5	36.95	− 5	11.19	+ 6	7.89	− 6	58.22	− 1
17	8.63	+ 7	43.32	+ 2	37.21	− 4	11.09	+ 8	7.96	− 7	57.92	+ 2
18	8.62	+ 6	43.65	− 2	37.47	− 1	11.00	+ 9	8.04	− 6	57.62	+ 5
19	8.61	+ 4	43.97	− 5	37.73	+ 1	10.92	+ 7	8.13	− 4	57.32	+ 7
20	8.59	+ 1	44.30	− 7	37.99	+ 4	10.84	+ 4	8.21	0	57.02	+ 7
21	8.56	− 2	44.62	− 7	38.25	+ 6	10.76	− 1	8.31	+ 3	56.73	+ 6
22	8.54	− 5	44.95	− 6	38.51	+ 6	10.69	− 5	8.40	+ 6	56.44	+ 2
23	8.50	− 7	45.27	− 2	38.78	+ 4	10.63	− 9	8.50	+ 8	56.15	− 2

sec δ, tg δ								
	85° 10′ 30″	11.889	−11.847	85° 20′ 10″	12.298	−12.258	84° 40′ 60″	10.792	−10.746
	40	11.896	−11.854	20	12.306	−12.265	70	10.798	−10.751

1918	Octantis 20 G. 7^m				Octantis 26 G. 6^m – 7^m				χ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	14^h 46^m	in ^{s} 0.01	−87° 49′	in ″ 0.01	16^h 30^m	in ^{s} 0.01	−86° 13′	in ″ 0.01	18^h 7^m	in ^{s} 0.01	−87° 40′	in ″ 0.01
Sept. 16	44.45	+ 9	34.05	− 2	20.91	+ 6	30.08	0	30.33	+ 8	7.65	+ 2
17	44.05	+ 5	33.84	− 5	20.61	+ 5	29.99	− 4	29.83	+10	7.69	− 2
18	43.65	− 2	33.62	− 7	20.31	+ 2	29.89	− 7	29.32	+ 8	7.73	− 6
19	43.27	− 8	33.40	− 7	20.02	− 1	29.79	− 9	28.82	+ 3	7.76	− 9
20	42.89	−14	33.18	− 5	19.72	− 5	29.68	− 8	28.31	− 3	7.78	− 9
21	42.51	−16	32.95	− 2	19.43	− 8	29.57	− 5	27.80	− 8	7.80	− 7
22	42.15	−14	32.72	+ 2	19.15	− 9	29.45	− 1	27.30	−12	7.81	− 4
23	41.80	− 9	32.48	+ 5	18.86	− 7	29.33	+ 3	26.79	−12	7.81	+ 1
24	41.45	− 1	32.25	+ 7	18.58	− 3	29.20	+ 7	26.28	− 9	7.81	+ 5
25	41.11	+ 8	32.00	+ 7	18.30	+ 1	29.07	+ 8	25.78	− 3	7.81	+ 8
26	40.78	+15	31.76	+ 5	18.02	+ 6	28.93	+ 8	25.27	+ 5	7.80	+10
27	40.46	+19	31.51	+ 1	17.75	+10	28.79	+ 5	24.77	+12	7.78	+ 9
28	40.14	+20	31.25	− 3	17.47	+13	28.64	+ 2	24.26	+17	7.75	+ 6
29	39.83	+17	30.99	− 7	17.20	+13	28.48	− 2	23.74	+20	7.72	+ 2
30	39.53	+12	30.73	− 9	16.93	+11	28.32	− 6	23.24	+19	7.69	− 2
Okt. 1	39.24	+ 5	30.46	−10	16.67	+ 7	28.16	− 8	22.73	+15	7.64	− 5
2	38.96	− 2	30.19	− 9	16.41	+ 3	27.98	− 9	22.22	+10	7.59	− 8
3	38.69	− 8	29.92	− 7	16.15	− 1	27.81	− 8	21.72	+ 3	7.54	− 8
4	38.43	−12	29.64	− 4	15.89	− 5	27.63	− 6	21.22	− 4	7.48	− 7
5	38.18	−14	29.36	0	15.64	− 8	27.44	− 3	20.71	− 9	7.41	− 6
6	37.94	−13	29.08	+ 3	15.39	− 9	27.25	0	20.22	−13	7.34	− 3
7	37.71	−11	28.80	+ 7	15.15	− 9	27.05	+ 4	19.72	−15	7.26	0
8	37.48	− 7	28.51	+ 9	14.90	− 8	26.85	+ 7	19.22	−15	7.18	+ 4
9	37.27	− 1	28.22	+ 9	14.66	− 5	26.64	+ 9	18.72	−13	7.09	+ 6
10	37.06	+ 4	27.92	+ 9	14.43	− 2	26.43	+ 9	18.23	− 8	6.99	+ 8
11	36.87	+ 8	27.63	+ 7	14.20	+ 1	26.21	+ 8	17.74	− 3	6.89	+ 8
12	36.69	+10	27.33	+ 4	13.97	+ 4	25.99	+ 6	17.25	+ 2	6.78	+ 6
13	36.51	+10	27.03	0	13.75	+ 6	25.77	+ 2	16.77	+ 7	6.66	+ 3
14	36.35	+ 6	26.73	− 4	13.54	+ 5	25.54	− 2	16.29	+ 9	6.54	− 1
15	36.20	0	26.42	− 6	13.33	+ 3	25.31	− 6	15.82	+ 8	6.42	− 5
16	36.06	− 6	26.12	− 7	13.12	0	25.07	− 8	15.35	+ 4	6.29	− 8
17	35.93	−12	25.81	− 6	12.92	− 4	24.83	− 8	14.89	− 2	6.15	− 9
18	35.80	−16	25.50	− 3	12.72	− 8	24.58	− 6	14.42	− 7	6.01	− 8
19	35.69	−16	25.18	+ 1	12.52	−10	24.33	− 3	13.96	−12	5.86	− 5
20	35.59	−12	24.87	+ 5	12.33	− 9	24.08	+ 2	13.51	−14	5.70	− 1
21	35.50	− 5	24.55	+ 7	12.15	− 6	23.82	+ 5	13.06	−12	5.54	+ 3
22	35.42	+ 4	24.23	+ 8	11.97	− 1	23.56	+ 8	12.61	− 7	5.38	+ 7
23	35.35	+12	23.92	+ 6	11.80	+ 4	23.30	+ 8	12.17	+ 1	5.21	+ 9
sec δ, tg δ	87° 49′ 20″	26.316	−26.297		86° 13′ 20″	15.178	−15.145		87° 40′ 0″	24.562	−24.542	
	30	26.349	−26.330		30	15.189	−15.156		10	24.591	−24.571	

1918	σ Octantis 6ᵐ				β Octantis 4ᵐ.1				τ Octantis 6ᵐ			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$19^h 30^m$	in ˢ 0.01	−89° 13′	in ″ 0.01	$22^h 37^m$	in ˢ 0.01	−81° 48′	in ″ 0.01	$23^h 16^m$	in ˢ 0.01	−87° 55′	in ″ 0.01
Sept. 16	99.67	+20	27.81	+ 3	60.11	+ 1	26.54	+ 5	61.75	+ 1	38.62	+ 5
17	98.34	+30	27.96	0	60.08	+ 3	26.83	+ 4	61.70	+ 9	38.93	+ 5
18	96.99	+32	28.10	− 4	60.05	+ 4	27.13	+ 1	61.64	+15	39.24	+ 3
19	95.62	+23	28.24	− 8	60.01	+ 4	27.42	− 2	61.57	+17	39.55	− 1
20	94.24	+ 8	28.37	− 9	59.97	+ 3	27.71	− 5	61.49	+15	39.86	− 4
21	92.85	−10	28.50	− 8	59.92	+ 1	28.00	− 7	61.40	+10	40.17	− 7
22	91.44	−25	28.62	− 6	59.88	− 1	28.29	− 7	61.30	+ 1	40.47	− 7
23	90.01	−34	28.74	− 2	59.83	− 3	28.58	− 6	61.19	− 7	40.78	− 6
24	88.57	−33	28.85	+ 3	59.78	− 4	28.87	− 2	61.06	−13	41.08	− 3
25	87.13	−22	28.96	+ 7	59.73	− 4	29.15	+ 2	60.93	−17	41.39	+ 1
26	85.67	− 3	29.06	+10	59.67	− 3	29.43	+ 7	60.79	−15	41.69	+ 5
27	84.20	+17	29.15	+10	59.61	− 1	29.71	+10	60.63	−11	41.99	+ 9
28	82.71	+36	29.24	+ 9	59.55	+ 1	29.99	+11	60.46	− 4	42.29	+11
29	81.22	+50	29.32	+ 6	59.48	+ 3	30.27	+11	60.28	+ 4	42.60	+11
30	79.72	+54	29.40	+ 2	59.41	+ 5	30.54	+ 9	60.09	+11	42.89	+10
Okt. 1	78.21	+50	29.47	− 2	59.34	+ 5	30.81	+ 5	59.89	+15	43.19	+ 6
2	76.69	+38	29.54	− 5	59.27	+ 5	31.08	+ 1	59.68	+17	43.48	+ 3
3	75.16	+21	29.60	− 7	59.19	+ 4	31.34	− 2	59.46	+16	43.77	− 1
4	73.63	+ 2	29.65	− 8	59.12	+ 2	31.61	− 5	59.23	+11	44.06	− 4
5	72.09	−16	29.70	− 7	59.04	0	31.87	− 7	58.99	+ 6	44.35	− 7
6	70.55	−32	29.74	− 5	58.96	− 2	32.13	− 8	58.73	0	44.63	− 8
7	69.00	−43	29.78	− 2	58.88	− 3	32.38	− 7	58.47	− 7	44.91	− 8
8	67.44	−47	29.81	+ 1	58.79	− 5	32.64	− 6	58.19	−12	45.19	− 7
9	65.88	−45	29.83	+ 3	58.70	− 5	32.89	− 4	57.90	−16	45.47	− 5
10	64.32	−36	29.85	+ 6	58.61	− 5	33.13	− 1	57.61	−17	45.75	− 2
11	62.76	−21	29.86	+ 7	58.52	− 4	33.38	+ 2	57.30	−15	46.02	+ 1
12	61.19	− 4	29.86	+ 7	58.42	− 2	33.61	+ 4	56.99	−10	46.29	+ 3
13	59.62	+13	29.86	+ 4	58.33	0	33.85	+ 5	56.67	− 2	46.55	+ 5
14	58.04	+25	29.85	+ 1	58.23	+ 2	34.08	+ 4	56.33	+ 5	46.82	+ 5
15	56.47	+29	29.84	− 3	58.13	+ 4	34.30	+ 2	55.99	+12	47.07	+ 3
16	54.91	+24	29.82	− 6	58.02	+ 4	34.52	− 1	55.64	+16	47.33	0
17	53.34	+11	29.79	− 9	57.92	+ 3	34.74	− 5	55.28	+16	47.58	− 4
18	51.77	− 6	29.76	− 9	57.81	+ 2	34.96	− 7	54.91	+12	47.83	− 6
19	50.20	−23	29.72	− 7	57.70	0	35.17	− 8	54.52	+ 5	48.08	− 8
20	48.64	−35	29.67	− 4	57.59	− 2	35.38	− 7	54.13	− 4	48.32	− 8
21	47.08	−37	29.62	+ 1	57.48	− 4	35.58	− 4	53.73	−11	48.56	− 5
22	45.53	−29	29.56	+ 6	57.36	− 4	35.78	0	53.32	−16	48.79	− 1
23	43.98	−13	29.49	+ 9	57.25	− 4	35.97	+ 5	52.91	−16	49.02	+ 3
sec δ, tg δ	89° 13′ 20″	73.668	−73.661		81° 48′ 30″	7.018	−6.947		87° 55′ 40″	27.655	−27.637	
	30	73.932	−73.926		40	7.021	−6.949		50	27.693	−27.675	

1918	Octantis 4 G. 6^m				ζ Octantis 6^m–5^m				ι Octantis 6^m–5^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	1^h 42^m	in ^{s} 0.01	−85° 10′	in ″ 0.01	9^h 8^m	in ^{s} 0.01	−85° 20′	in ″ 0.01	12^h 46^m	in ^{s} 0.01	−84° 40′	in ″ 0.01
Okt. 23	8.50	−7	45.27	−2	38.78	+4	10.63	−9	8.50	+8	56.15	−2
24	8.46	−7	45.59	+2	39.05	+2	10.57	−11	8.61	+8	55.87	−6
25	8.42	−6	45.91	+6	39.31	−1	10.52	−11	8.72	+6	55.59	−9
26	8.37	−3	46.23	+9	39.58	−4	10.48	−9	8.83	+3	55.31	−11
27	8.32	0	46.55	+11	39.85	−6	10.44	−5	8.95	0	55.03	−11
28	8.26	+2	46.87	+10	40.12	−7	10.41	−1	9.07	−2	54.76	−9
29	8.20	+4	47.19	+9	40.40	−7	10.39	+2	9.20	−5	54.49	−6
30	8.13	+6	47.50	+5	40.67	−5	10.37	+5	9.33	−6	54.22	−2
31	8.06	+6	47.82	+2	40.94	−3	10.36	+7	9.46	−6	53.96	+2
Nov. 1	7.98	+5	48.13	−2	41.21	−1	10.35	+7	9.60	−5	53.70	+5
2	7.90	+3	48.44	−5	41.49	+2	10.35	+7	9.74	−3	53.44	+7
3	7.81	+1	48.75	−8	41.76	+4	10.36	+5	9.88	−1	53.19	+8
4	7.72	−1	49.06	−9	42.04	+6	10.38	+2	10.03	+1	52.94	+8
5	7.62	−3	49.36	−9	42.31	+7	10.40	0	10.18	+3	52.69	+7
6	7.52	−5	49.67	−7	42.58	+6	10.43	−3	10.34	+5	52.44	+4
7	7.41	−6	49.97	−5	42.85	+5	10.46	−5	10.50	+5	52.20	+1
8	7.30	−5	50.27	−1	43.12	+2	10.51	−6	10.67	+5	51.97	−2
9	7.18	−3	50.57	+2	43.39	0	10.56	−5	10.83	+3	51.74	−4
10	7.06	−1	50.86	+5	43.67	−3	10.61	−3	11.01	0	51.51	−5
11	6.94	+2	51.15	+6	43.94	−5	10.67	+1	11.18	−3	51.29	−5
12	6.81	+5	51.44	+5	44.22	−5	10.74	+5	11.36	−6	51.08	−2
13	6.68	+7	51.72	+3	44.49	−4	10.82	+8	11.54	−7	50.87	+1
14	6.54	+7	52.00	−1	44.77	−2	10.90	+9	11.73	−7	50.66	+4
15	6.40	+5	52.28	−4	45.05	+1	10.99	+9	11.92	−5	50.46	+7
16	6.25	+2	52.56	−7	45.32	+3	11.09	+6	12.11	−2	50.26	+8
17	6.10	−1	52.83	−8	45.59	+5	11.19	+2	12.31	+2	50.06	+7
18	5.94	−4	53.10	−7	45.86	+6	11.30	−3	12.51	+5	49.88	+4
19	5.79	−6	53.36	−4	46.13	+5	11.41	−7	12.72	+7	49.69	0
20	5.62	−7	53.62	0	46.40	+3	11.53	−10	12.92	+8	49.52	−4
21	5.46	−7	53.88	+4	46.66	0	11.66	−11	13.13	+7	49.35	−8
22	5.29	−4	54.13	+8	46.92	−3	11.79	−9	13.34	+4	49.18	−10
23	5.12	−2	54.38	+10	47.19	−6	11.93	−7	13.55	+1	49.02	−11
24	4.94	+1	54.62	+11	47.44	−6	12.07	−3	13.77	−1	48.87	−10
25	4.76	+4	54.86	+10	47.70	−7	12.22	+1	13.99	−4	48.72	−7
26	4.57	+5	55.10	+7	47.96	−6	12.38	+4	14.21	−5	48.58	−4
27	4.38	+6	55.33	+3	48.21	−4	12.54	+6	14.44	−5	48.44	0
28	4.19	+5	55.56	0	48.47	−2	12.71	+7	14.67	−5	48.30	+3
29	3.99	+4	55.78	−4	48.72	+1	12.89	+7	14.90	−4	48.18	+6
sec δ, tg δ	85° 10′ 50″	11.902	−11.860		85° 20′ 10″	12.298	−12.258		84° 40′ 50″	10.786	−10.740	
	60	11.909	−11.867		20	12.306	−12.265		60	10.792	−10.746	

1918	Octantis 20 G. 7^m				Octantis 26 G. 6^m – 7^m				χ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	14h 46m s	in s 0.01	−87° 49′ ″	in ″ 0.01	16h 30m s	in s 0.01	−86° 13′ ″	in ″ 0.01	18h 7m s	in s 0.01	−87° 39′ ″	in ″ 0.01
Okt. 23	35.35	+12	23.92	+ 6	11.80	+ 4	23.30	+ 8	12.17	+ 1	65.21	+ 9
24	35.29	+18	23.60	+ 3	11.63	+ 9	23.03	+ 7	11.74	+ 9	65.03	+ 9
25	35.25	+20	23.28	− 1	11.47	+11	22.76	+ 3	11.31	+15	64.85	+ 7
26	35.21	+19	22.97	− 5	11.32	+13	22.49	− 1	10.89	+19	64.67	+ 4
27	35.19	+15	22.65	− 9	11.17	+12	22.21	− 5	10.48	+20	64.48	0
28	35.18	+ 8	22.32	−10	11.02	+ 9	21.92	− 8	10.07	+18	64.28	− 4
29	35.18	0	22.00	−10	10.88	+ 5	21.64	− 9	9.66	+13	64.08	− 7
30	35.19	− 6	21.68	− 8	10.74	+ 1	21.35	− 9	9.26	+ 6	63.87	− 8
31	35.21	−12	21.35	− 5	10.61	− 3	21.06	− 7	8.87	− 1	63.66	− 8
Nov. 1	35.24	−13	21.03	− 2	10.49	− 6	20.76	− 5	8.48	− 7	63.44	− 6
2	{35.29 35.34	− 13 − 11	20.71 20.39	+ 2 + 5	10.38	− 8	20.47	− 1	8.10	−11	63.22	− 4
3	35.41	− 8	20.07	+ 8	10.27	− 9	20.17	+ 2	7.73	−14	62.99	− 1
4	35.49	− 3	19.76	+ 9	10.16	− 8	19.87	+ 5	7.37	−15	62.76	+ 3
5	35.58	+ 2	19.44	+ 9	10.07	− 6	19.57	+ 8	7.02	−13	62.53	+ 5
6	35.68	+ 7	19.12	+ 7	9.98	− 3	19.27	+ 9	6.67	− 9	62.29	+ 7
7	35.80	+10	18.80	+ 5	9.89	+ 1	18.96	+ 8	6.33	− 4	62.04	+ 8
8	35.93	+11	18.48	+ 1	9.81	+ 3	18.65	+ 6	5.99	+ 1	61.79	+ 7
9	36.06	+ 8	18.17	− 3	9.74	+ 5	18.34	+ 3	5.67	+ 6	61.54	+ 5
10	36.21	+ 3	17.85	− 5	9.68	+ 6	18.03	− 1	5.35	+ 9	61.28	+ 1
11	36.37	− 4	17.54	− 7	9.62	+ 4	17.71	− 4	5.04	+ 9	61.02	− 3
12	36.54	−11	17.23	− 6	9.56	+ 1	17.40	− 7	4.74	+ 6	60.76	− 7
13	36.72	−16	16.92	− 4	9.52	− 3	17.08	− 8	4.45	0	60.49	− 9
14	36.91	−18	16.61	0	9.48	− 7	16.77	− 7	4.17	− 6	60.22	− 9
15	37.11	−15	16.31	+ 4	9.45	−10	16.45	− 4	3.90	−11	59.95	− 7
16	37.32	− 9	16.00	+ 7	9.42	−10	16.13	0	3.64	−15	59.67	− 3
17	37.55	− 1	15.70	+ 8	9.40	− 8	15.81	+ 4	3.38	−14	59.39	+ 2
18	37.78	+ 7	15.40	+ 7	9.39	− 4	15.48	+ 7	3.13	−10	59.10	+ 5
19	38.03	+15	15.10	+ 5	9.38	+ 1	15.16	+ 8	2.90	− 4	58.81	+ 8
20	38.29	+19	14.81	0	9.38	+ 6	14.83	+ 8	2.67	+ 5	58.51	+ 9
21	38.55	+20	14.51	− 4	9.39	+10	14.51	+ 5	2.45	+12	58.22	+ 8
22	38.83	+16	14.22	− 8	9.40	+13	14.19	+ 1	2.24	+18	57.92	+ 5
23	39.12	+11	13.94	−10	9.42	+13	13.87	− 2	2.05	+20	57.62	+ 1
24	39.42	+ 4	13.65	−10	9.45	+10	13.54	− 7	1.86	+19	57.32	− 3
25	39.73	− 3	13.37	− 9	9.48	+ 7	13.22	− 9	1.68	+15	57.01	− 6
26	40.05	− 8	13.09	− 7	9.52	+ 2	12.90	− 9	1.51	+ 9	56.70	− 8
27	40.39	−12	12.81	− 3	9.57	− 2	12.58	− 8	1.35	+ 2	56.38	− 8
28	40.73	−13	12.54	0	{9.62 9.68	− 5 − 7	12.25 11.93	− 6 − 2	1.20	− 4	56.06	− 7
29	41.08	−12	12.27	+ 4	9.74	− 8	11.61	+ 1	1.06	− 9	55.75	− 5
sec δ, tg δ	87° 49′ 10″	26.282	−26.263		86° 13′ 10″	15.166	−15.133		87° 39′ 60″	24.562	−24.542	
	20	26.316	−26.297		20	15.178	−15.145		70	24.591	−24.571	

1918	σ Octantis 6ᵐ				β Octantis 4ᵐ.1				τ Octantis 6ᵐ			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$19^h 29^m$ s	in s 0.01	−89° 13′ ″	in ″ 0.01	$22^h 37^m$ s	in s 0.01	−81° 48′ ″	in ″ 0.01	$23^h 16^m$ s	in s 0.01	−87° 55′ ″	in ″ 0.01
Okt. 23	103.98	−13	29.49	+ 9	57.25	− 4	35.97	+ 5	52.91	−16	49.02	+ 3
24	102.43	+ 8	29.42	+10	57.13	− 2	36.16	+ 9	52.48	−13	49.24	+ 8
25	100.89	+30	29.34	+10	57.01	0	36.34	+11	52.05	− 7	49.46	+11
26	99.36	+46	29.26	+ 7	56.88	+ 2	36.52	+12	51.61	+ 1	49.68	+12
27	97.84	+55	29.17	+ 3	56.76	+ 4	36.69	+10	51.16	+ 9	49.89	+11
28	96.32	+54	29.07	− 1	56.63	+ 5	36.86	+ 7	50.70	+14	50.10	+ 8
29	94.80	+45	28.97	− 4	56.50	+ 5	37.03	+ 3	50.23	+17	50.31	+ 5
30	93.30	+30	28.86	− 6	56.38	+ 4	37.18	0	49.75	+17	50.51	+ 1
31	91.82	+12	28.75	− 8	56.25	+ 3	37.34	− 4	49.27	+14	50.70	− 3
Nov. 1	90.34	− 7	28.63	− 7	56.11	+ 1	37.48	− 6	48.78	+ 9	50.89	− 6
2	88.87	−24	28.50	− 6	55.98	− 1	37.62	− 8	48.28	+ 2	51.07	− 7
3	87.41	−37	28.37	− 3	55.85	− 3	37.76	− 8	47.78	− 5	51.25	− 8
4	85.97	−44	28.23	0	55.71	− 4	37.89	− 7	47.28	−10	51.42	− 7
5	84.54	−44	28.09	+ 3	55.58	− 5	38.01	− 4	46.77	−15	51.58	− 6
6	83.12	−38	27.94	+ 5	55.44	− 5	38.13	− 2	46.25	−17	51.74	− 3
7	81.71	−25	27.78	+ 7	55.30	− 4	38.24	+ 1	45.72	−16	51.90	0
8	80.32	− 9	27.62	+ 7	55.16	− 3	38.35	+ 4	45.18	−11	52.05	+ 3
9	78.94	+ 8	27.45	+ 6	55.02	0	38.45	+ 5	44.64	− 5	52.19	+ 5
10	77.58	+22	27.28	+ 3	54.88	+ 1	38.55	+ 5	44.10	+ 2	52.33	+ 5
11	76.24	+29	27.10	− 1	54.74	+ 3	38.64	+ 3	43.55	+10	52.46	+ 4
12	74.91	+27	26.92	− 5	54.60	+ 4	38.72	0	43.00	+15	52.58	+ 1
13	73.60	+16	26.73	− 8	54.46	+ 4	38.80	− 4	42.44	+16	52.70	− 2
14	72.30	− 1	26.54	− 9	54.31	+ 2	38.87	− 7	41.88	+14	52.82	− 6
15	71.03	−20	26.34	− 9	54.17	0	38.94	− 9	41.31	+ 8	52.93	− 8
16	69.78	−34	26.13	− 6	54.03	− 2	39.00	− 9	40.74	0	53.03	− 9
17	68.54	−41	25.92	− 1	53.89	− 4	39.05	− 6	40.16	− 9	53.13	− 7
18	67.33	−37	25.70	+ 3	53.74	− 4	39.10	− 3	39.57	−14	53.22	− 4
19	66.13	−23	25.48	+ 7	53.60	− 4	39.14	+ 2	38.98	−17	53.31	+ 1
20	64.96	− 3	25.25	+10	53.45	− 3	39.17	+ 7	38.39	−15	53.39	+ 5
21	63.81	+20	25.02	+10	53.31	− 1	39.20	+ 9	37.80	−10	53.46	+ 9
22	62.68	+39	24.78	+ 8	53.16	+ 1	39.23	+11	37.21	− 2	53.52	+11
23	61.57	+52	24.54	+ 5	53.02	+ 4	39.24	+11	36.62	+ 6	53.58	+11
24	60.48	+56	24.29	+ 1	52.87	+ 5	39.26	+ 8	36.02	+12	53.64	+ 9
25	59.42	+50	24.04	− 3	52.73	+ 5	39.26	+ 5	35.42	+16	53.68	+ 6
26	58.38	+37	23.79	− 6	52.58	+ 5	39.26	+ 1	34.82	+17	53.72	+ 2
27	57.36	+20	23.53	− 7	52.43	+ 4	39.25	− 2	34.21	+15	53.76	− 1
28	56.37	+ 1	23.27	− 7	52.29	+ 2	39.23	− 5	33.60	+10	53.78	− 4
29	55.40	−17	23.00	− 6	52.14	0	39.21	− 7	32.98	+ 5	53.81	− 7
sec δ, tg δ	89° 13′ 20″	73.668	−73.661		81° 48′ 30″	7.018	−6.947		87° 55′ 50″	27.693	−27.675	
	30	73.932	−73.926		40	7.021	−6.949		60	27.730	−27.712	

1918	Octantis 4 G. 6ᵐ				ζ Octantis 6ᵐ – 5ᵐ				ι Octantis 6ᵐ – 5ᵐ			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$1^h 41^m$	in 0.01 s	−85° 10′	in 0.01″	$9^h 8^m$	in 0.01 s	−85° 20′	in 0.01″	$12^h 46^m$	in 0.01 s	−84° 40′	in 0.01″
Nov. 29	63.99 s	+4	55.78″	−4	48.72 s	+1	12.89″	+7	14.90 s	−4	48.18″	+6
30	63.79	+3	55.99	−7	48.96	+3	13.07	+5	15.13	−2	48.06	+8
Dez. 1	63.59	0	56.21	−8	49.21	+5	13.26	+3	15.37	+1	47.94	+8
2	63.38	−3	56.41	−9	49.45	+6	13.45	0	15.60	+3	47.83	+7
3	63.17	−5	56.61	−8	49.69	+6	13.65	−2	15.84	+4	47.73	+5
4	62.96	−6	56.81	−5	49.93	+5	13.86	−5	16.08	+5	47.63	+2
5	62.75	−5	57.00	−2	50.16	+3	14.07	−6	16.32	+5	47.54	−1
6	62.53	−4	57.19	+1	50.39	+1	14.29	−6	16.57	+4	47.45	−4
7	62.30	−2	57.37	+4	50.62	−2	14.51	−4	16.81	+1	47.37	−5
8	62.07	+1	57.55	+6	50.85	−4	14.74	−1	17.06	−2	47.30	−6
9	61.84	+4	57.72	+6	51.07	−5	14.97	+3	17.31	−5	47.23	−4
10	61.61	+6	57.88	+4	51.29	−5	15.21	+6	17.56	−7	47.17	−1
11	61.38	+7	58.04	+1	51.51	−3	15.45	+9	17.81	−7	47.12	+3
12	61.15	+6	58.20	−3	51.72	−1	15.70	+9	18.07	−6	47.07	+6
13	60.91	+4	58.34	−6	51.93	+2	15.95	+8	18.32	−3	47.03	+8
14	60.67	+1	58.48	−8	52.14	+5	16.21	+4	18.57	0	47.00	+8
15	60.43	−3	58.62	−8	52.34	+6	16.47	0	18.83	+3	46.97	+6
16	60.18	−5	58.75	−6	52.54	+6	16.74	−5	19.09	+6	46.95	+2
17	59.93	−7	58.88	−2	52.74	+4	17.01	−8	19.35	+7	46.93	−2
18	59.68	−7	59.00	+2	52.93	+1	17.29	−10	19.61	+7	46.92	−6
19	59.42	−5	59.11	+6	53.12	−2	17.57	−10	19.87	+5	46.92	−9
20	59.17	−3	59.22	+9	53.30	−4	17.86	−8	20.13	+3	46.92	−11
21	58.91	0	59.32	+11	53.48	−6	18.15	−4	20.39	0	46.93	−10
22	58.66	+3	59.42	+10	53.66	−7	18.45	−1	20.65	−3	46.95	−8
23	58.40	+5	59.51	+8	53.83	−6	18.75	+3	20.92	−5	46.97	−5
24	58.14	+6	59.59	+5	54.00	−5	19.05	+5	21.18	−6	47.00	−1
25	57.88	+5	59.67	+1	54.16	−3	19.36	+7	21.44	−5	47.04	+2
26	57.61	+4	59.74	−3	54.32	0	19.68	+7	21.71	−4	47.08	+5
27	57.34	+3	59.81	−6	54.48	+2	19.99	+6	21.97	−2	47.13	+7
28	57.08	0	59.87	−8	54.63	+4	20.32	+4	22.24	0	47.19	+8
29	56.81	−2	59.92	−8	54.78	+6	20.64	+1	22.50	+2	47.25	+7
30	56.54	−4	59.96	−8	54.92	+6	20.97	−1	22.76	+4	47.32	+6
31	56.27	−5	60.00	−6	55.06	+6	21.30	−4	23.03	+5	47.40	+3
32	56.00	−6	60.03	−3	55.19	+4	21.63	−6	23.29	+5	47.48	0
sec δ, tg δ	85° 10′ 50″	11.902	−11.860		85° 20′ 10″	12.298	−12.258		84° 40′ 40″	10.781	−10.734	
	60	11.909	−11.867		20	12.306	−12.265		50	10.786	−10.740	

1918	Octantis 20 G. 7ᵐ				Octantis 26 G. 6ᵐ–7ᵐ				χ Octantis 6ᵐ			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	$14^h 46^m$	in s 0.01	−87° 49′	in ″ 0.01	$16^h 30^m$	in s 0.01	−86° 13′	in ″ 0.01	$18^h 7^m$	in s 0.01	−87° 39′	in ″ 0.01
Nov. 29	41.08	−12	12.27	+ 4	9.74	− 8	11.61	+ 1	1.06	− 9	55.75	− 5
30	41.44	− 9	12.00	+ 7	9.82	− 8	11.29	+ 4	0.93	−13	55.43	− 2
Dez. 1	41.81	− 4	11.74	+ 8	9.90	− 6	10.97	+ 7	0.81	−14	55.10	+ 1
2	42.19	+ 1	11.48	+ 9	9.98	− 4	10.65	+ 9	0.70	−13	54.78	+ 4
3	42.58	+ 6	11.23	+ 8	10.07	0	10.33	+ 9	0.61	−10	54.46	+ 7
4	42.97	+10	10.98	+ 5	10.17	+ 3	10.02	+ 7	0.52	− 6	54.13	+ 8
5	43.38	+12	10.74	+ 2	10.28	+ 5	9.70	+ 5	0.44	0	53.81	+ 8
6	43.80	+10	10.50	− 1	10.40	+ 6	9.38	+ 1	0.38	+ 5	53.48	+ 6
7	44.23	+ 6	10.26	− 5	10.52	+ 5	9.07	− 3	0.32	+ 9	53.15	+ 3
8	44.67	0	10.02	− 7	10.64	+ 3	8.75	− 6	0.28	+10	52.81	− 1
9	45.11	− 7	9.79	− 7	10.78	− 1	8.44	− 8	0.25	+ 8	52.48	− 5
10	45.56	−14	9.57	− 5	10.92	− 5	8.14	− 8	0.22	+ 3	52.14	− 8
11	46.02	−17	9.35	− 2	11.06	− 9	7.83	− 5	0.21	− 3	51.81	− 9
12	46.49	−17	9.13	+ 2	11.21	−10	7.53	− 2	0.21	− 9	51.47	− 8
13	46.96	−12	8.92	+ 6	11.37	−10	7.23	+ 3	0.22	−14	51.14	− 5
14	47.44	− 5	8.72	+ 8	11.53	− 6	6.93	+ 6	0.24	−15	50.80	0
15	47.93	+ 3	8.52	+ 8	11.70	− 2	6.64	+ 8	0.27	−13	50.47	+ 4
16	48.43	+11	8.32	+ 6	11.88	+ 4	6.34	+ 8	0.31	− 8	50.13	+ 7
17	48.94	+17	8.13	+ 3	12.06	+ 8	6.05	+ 6	0.36	0	49.79	+ 9
18	49.46	+19	7.94	− 2	12.24	+11	5.76	+ 3	0.42	+ 8	49.45	+ 9
19	49.98	+17	7.76	− 6	12.44	+12	5.47	− 2	0.49	+15	49.12	+ 6
20	50.51	+13	7.59	− 9	12.64	+11	5.19	− 5	0.58	+18	48.78	+ 3
21	51.05	+ 6	7.41	−10	12.84	+ 8	4.91	− 8	0.67	+19	48.44	− 1
22	51.59	− 1	7.25	−10	13.05	+ 4	4.64	− 9	0.78	+16	48.10	− 5
23	52.13	− 7	7.09	− 8	13.27	0	4.36	− 9	{0.89 {1.02	+11 + 5	47.77 47.43	− 7 − 8
24	52.68	−11	6.93	− 5	13.49	− 4	4.10	− 7	1.15	− 2	47.10	− 8
25	53.24	−13	6.78	− 1	13.72	− 7	3.83	− 4	1.30	− 7	46.76	− 6
26	53.81	−12	6.63	+ 2	13.96	− 8	3.56	0	1.46	−11	46.42	− 3
27	54.39	−10	6.49	+ 6	14.20	− 8	3.30	+ 3	1.63	−14	46.09	0
28	54.97	− 6	6.36	+ 8	14.44	− 7	3.04	+ 6	1.81	−13	45.76	+ 3
29	55.56	− 1	6.23	+ 9	14.69	− 5	2.79	+ 8	2.00	−11	45.43	+ 6
30	56.15	+ 4	6.11	+ 8	14.95	− 1	2.54	+ 9	2.20	− 7	45.10	+ 8
31	56.74	+ 9	5.99	+ 6	15.21	+ 2	2.29	+ 8	2.41	− 2	44.77	+ 8
32	57.34	+11	5.88	+ 3	15.47	+ 5	2.05	+ 6	2.63	+ 3	44.44	+ 7

sec δ, tg δ												
	87° 49′ 0″ 10	26.249 26.282	−26.230 −26.263		86° 13′ 0″ 10	15.155 15.166	−15.122 −15.133		87° 39′ 50″ 60	24.533 24.562	−24 513 −24.542	

1918	σ Octantis 6^m				β Octantis 4^m.1				τ Octantis 6^m			
	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.	AR.	☾ Gl.	Dekl.	☾ Gl.
	19h 29m	in s 0.01	−89° 13′	in ″ 0.01	22h 37m	in s 0.01	−81° 48′	in ″ 0.01	23h 16m	in s 0.01	−87° 55′	in ″ 0.01
Nov. 29	s 55.40	−17	″ 23.00	− 6	s 52.14	0	″ 39.21	− 7	s 32.98	+ 5	″ 53.81	− 7
30	54.46	−31	22.73	− 4	52.00	− 2	39.18	− 7	32.37	− 2	53.82	− 7
Dez. 1	53.54	−40	22.45	− 1	51.85	− 3	39.15	− 7	31.76	− 8	53.83	− 7
2	52.65	−43	22.17	+ 2	51.71	− 4	39.11	− 5	31.15	−13	53.83	− 6
3	51.78	−39	21.89	+ 4	51.56	− 5	39.06	− 2	30.54	−16	53.83	− 4
4	50.94	−28	21.60	+ 7	51.42	− 4	39.01	+ 1	29.93	−16	53.81	− 1
5	50.13	−13	21.31	+ 7	51.27	− 3	38.95	+ 3	29.32	−13	53.80	+ 2
6	49.35	+ 4	21.01	+ 6	51.13	− 1	38.89	+ 5	28.71	− 8	53.77	+ 4
7	48.59	+19	20.71	+ 4	50.99	+ 1	38.82	+ 6	28.09	− 1	53.74	+ 6
8	47.86	+29	20.41	+ 1	50.84	+ 3	38.74	+ 4	27.48	+ 7	53.70	+ 5
9	47.16	+30	20.10	− 3	50.70	+ 4	38.65	+ 2	26.87	+13	53.66	+ 3
10	46.49	+23	19.79	− 7	50.56	+ 4	38.56	− 2	26.26	+16	53.61	0
11	45.84	+ 7	19.48	− 9	50.42	+ 3	38.46	− 6	25.65	+15	53.55	− 4
12	45.22	−12	19.16	− 9	50.28	+ 1	38.36	− 8	25.04	+10	53.49	− 7
13	44.63	−29	18.84	− 7	50.15	− 1	38.25	− 9	24.43	+ 3	53.42	− 9
14	44.08	−40	18.52	− 3	50.01	− 3	38.14	− 8	23.83	− 6	53.34	− 8
15	43.55	−42	18.20	+ 1	49.87	− 4	38.02	− 5	23.23	−12	53.26	− 6
16	43.05	−33	17.87	+ 6	49.74	− 5	37.89	0	22.63	−16	53.17	− 2
17	42.58	−15	17.54	+ 9	49.60	− 4	37.76	+ 4	22.03	−17	53.07	+ 3
18	42.14	+ 7	17.21	+10	49.47	− 2	37.62	+ 8	21.43	−13	52.97	+ 7
19	41.74	+29	16.87	+ 9	49.33	0	37.47	+10	20.83	− 5	52.86	+10
20	41.36	+45	16.54	+ 6	49.20	+ 3	37.32	+11	20.24	+ 3	52.74	+11
21	41.01	+54	16.20	+ 2	49.07	+ 4	37.16	+ 9	19.65	+11	52.62	+10
22	40.69	+52	15.86	− 2	48.94	+ 5	37.00	+ 6	19.07	+15	52.50	+ 7
23	40.40	+42	15.52	− 5	48.82	+ 5	36.83	+ 2	18.49	+18	52.36	+ 4
24	40.14	+26	15.17	− 7	48.69	+ 4	36.66	− 1	17.92	+16	52.23	0
25	39.91	+ 8	14.83	− 7	48.57	+ 3	36.48	− 4	17.35	+12	52.08	− 3
26	39.72	−11	14.48	− 7	48.45	+ 1	36.29	− 6	16.78	+ 7	51.93	− 6
27	39.56	−26	14.13	− 5	48.33	− 1	36.09	− 7	16.21	+ 1	51.77	− 7
28	39.43	−37	13.78	− 2	48.21	− 3	35.89	− 7	15.65	− 6	51.61	− 7
29	39.32	−42	13.43	0	48.09	− 4	35.69	− 6	15.09	−11	51.44	− 7
30	39.25	−40	13.08	+ 3	47.98	− 5	35.48	− 3	14.54	−15	51.26	− 5
31	39.21	−32	12.73	+ 6	47.87	− 4	35.27	0	13.99	−16	51.08	− 2
32	39.20	−19	12.38	+ 7	47.76	− 4	35.05	+ 2	13.45	−15	50.89	+ 1
sec δ, tg δ	89° 13′ 10″	73.406	−73.399		81° 48′ 30″	7.018	−6.947		87° 55′ 50″	27.693	−27.675	
	20	73.668	−73.661		40	7.021	−6.949		60	27.730	−27.712	

Formeln

zur Reduktion auf den scheinbaren Ort

$$A = t - (0.34215 + 0.00031\,T)\sin\Omega + 0.00415\sin 2\Omega - 0.02526\sin 2L_\odot$$
$$+ 0.00251\sin M_\odot - 0.00099\sin(2L_\odot + M_\odot) + 0.00042\sin(2L_\odot - M_\odot)$$
$$+ 0.00025\sin(2L_\odot - \Omega)$$

$$A' = -0.00405\sin 2L_☾ + 0.00135\sin M_☾ - 0.00068\sin(2L_☾ - \Omega)$$
$$- 0.00052\sin(2L_☾ + M_☾) + 0.00030\sin(2L_☾ - 2L_\odot - M_☾)$$
$$+ 0.00023\sin(2L_☾ - M_☾) + 0.00012\sin(2L_☾ - 2L_\odot)$$

$$B = -(9''.210 + 0''.001\,T)\cos\Omega + 0''.090\cos 2\Omega - 0''.551\cos 2L_\odot$$
$$- 0''.022\cos(2L_\odot + M_\odot) + 0''.009\cos(2L_\odot - M_\odot)$$
$$+ 0''.007\cos(2L_\odot - \Omega)$$

$$B' = -0''.089\cos 2L_☾ - 0''.018\cos(2L_☾ - \Omega) - 0''.011\cos(2L_☾ + M_☾)$$
$$+ 0''.005\cos(2L_☾ - M_☾)$$

$$C = -20''.47\cos\odot\cos\varepsilon$$
$$D = -20''.47\sin\odot$$
$$E = -(0^s.0029 - 0^s.0004\,T)\sin\Omega$$

T Zeit seit 1900.0 in Einheiten von 100 tropischen Jahren
t Zeit seit Beginn des annus fictus, in Bruchteilen des tropischen Jahres

$a = m + {}^1/_{15}\,n\sin\alpha\,\mathrm{tg}\,\delta$	$a' = n\cos\alpha$
$b = {}^1/_{15}\cos\alpha\,\mathrm{tg}\,\delta$	$b' = -\sin\alpha$
$c = {}^1/_{15}\cos\alpha\sec\delta$	$c' = \mathrm{tg}\,\varepsilon\cos\delta - \sin\alpha\sin\delta$
$d = {}^1/_{15}\sin\alpha\sec\delta$	$d' = \cos\alpha\sin\delta$

$$\alpha_{app.} = \alpha_{1918.0} + t\mu_\alpha + Aa + Bb + Cc + Dd + E + [A'a + B'b]$$
$$\delta_{app.} = \delta_{1918.0} + t\mu_\delta + Aa' + Bb' + Cc' + Dd' \qquad + [A'a' + B'b']$$

μ_α, μ_δ jährliche Eigenbewegung in Rektaszension, bez. Deklination

Setzt man:

$f = mA + E$	$f' = mA'$	$i = C\,\mathrm{tg}\,\varepsilon$
$g\sin G = B$	$g'\sin G' = B'$	$h\sin H = C$
$g\cos G = nA$	$g'\cos G' = nA'$	$h\cos H = D,$

so wird:

$$\alpha_{app.} = \alpha_{1918.0} + t\mu_\alpha + f + {}^1/_{15}\,g\sin(G+\alpha)\,\mathrm{tg}\,\delta + {}^1/_{15}\,h\sin(H+\alpha)\sec\delta$$
$$+ [f' + {}^1/_{15}\,g'\sin(G'+\alpha)\,\mathrm{tg}\,\delta]$$

$$\delta_{app.} = \delta_{1918.0} + t\mu_\delta + g\cos(G+\alpha) + h\cos(H+\alpha)\sin\delta + i\cos\delta$$
$$+ [g'\cos(G'+\alpha)]$$

Reduktionsgrößen 1918

für 12^h Sternzeit Greenwich

Mittlere Zeit Greenwich	*t*	log *A*	log *B*	log *C*	log *D*	*E*
1918						
Jan. 0.7	0.0001	9.54492	9.44248	0.51335$_n$	1.30447	+0^s.0027
10.7	0.0274	9.58706	9.42160	0.81111$_n$	1.28366	27
20.7	0.0547	9.62330	9.29885	0.97681$_n$	1.24724	27
30.6	0.0820	9.65407	8.99564	1.08583$_n$	1.19243	27
Febr. 9.6	0.1093	9.67991	8.07918$_n$	1.16149$_n$	1.11401	27
19.6	0.1366	9.70159	9.04532$_n$	1.21397$_n$	1.00165	+0.0027
März 1.6	0.1640	9.71997	9.24055$_n$	1.24849$_n$	0.83104	27
11.5	0.1913	9.73601	9.26007$_n$	1.26787$_n$	0.52218	27
21.5	0.2186	9.75066	9.11394$_n$	1.27367$_n$	9.30750$_n$	27
31.5	0.2459	9.76484	8.07918$_n$	1.26642$_n$	0.56914$_n$	27
April 10.4	0.2732	9.77929	9.22272	1.24598$_n$	0.85034$_n$	+0.0027
20.4	0.3005	9.79454	9.59660	1.21117$_n$	1.01021$_n$	27
30.4	0.3278	9.81092	9.81425	1.15975$_n$	1.11657$_n$	27
Mai 10.4	0.3551	9.82845	9.96426	1.08739$_n$	1.19131$_n$	27
20.3	0.3824	9.84695	0.07151	0.98579$_n$	1.24410$_n$	27
30.3	0.4097	9.86610	0.14860	0.83670$_n$	1.27996$_n$	+0.0027
Juni 9.3	0.4370	9.88545	0.20222	0.58794$_n$	1.30170$_n$	27
19.3	0.4643	9.90453	0.23654	9.89098$_n$	1.31076$_n$	27
29.2	0.4916	9.92291	0.25455	0.36810	1.30775$_n$	27
Juli 9.2	0.5189	9.94019	0.25816	0.73078	1.29252$_n$	27
19.2	0.5462	9.95612	0.24920	0.91798	1.26418$_n$	+0.0027
29.1	0.5735	9.97049	0.23096	1.03957	1.22081$_n$	27
Aug. 8.1	0.6008	9.98324	0.20683	1.12493	1.15881$_n$	27
18.1	0.6281	9.99442	0.18013	1.18602	1.07177$_n$	27
28.1	0.6554	0.00420	0.15715	1.22891	0.94630$_n$	27
Sept. 7.0	0.6827	0.01282	0.14520	1.25669	0.74927$_n$	+0.0027
17.0	0.7100	0.02063	0.14860	1.27114	0.34518$_n$	27
27.0	0.7373	0.02803	0.17026	1.27284	0.10278	27
Okt. 7.0	0.7646	0.03543	0.20817	1.26174	0.67504	27
16.9	0.7920	0.04321	0.25792	1.23694	0.90720	27
26.9	0.8193	0.05169	0.31218	1.19645	1.04914	+0.0027
Nov. 5.9	0.8466	0.06106	0.36605	1.13678	1.14610	27
15.8	0.8739	0.07140	0.41497	1.05138	1.21447	27
25.8	0.9012	0.08259	0.45606	0.92701	1.26195	27
Dez. 5.8	0.9285	0.09439	0.48827	0.73062	1.29254	27
15.8	0.9558	0.10650	0.51041	0.32777	1.30833	+0.0026
25.7	0.9831	0.11853	0.52297	0.07809$_n$	1.31025	26
35.7	1.0104	0.13011	0.52608	0.65176$_n$	1.29837	26

Mittl. Zeit Greenwich		*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
			s		h m		h m		"
Jan.	0.5	−0.0005	+1.078	0.8463	0 9.0	1.3101	23 24.1	0.1408$_n$	−1.383
	1.5	+0.0023	1.089	0.8508	0 9.0	1.3099	23 20.3	0.1836$_n$	1.526
	2.5	0.0050	1.101	0.8552	0 8.9	1.3097	23 16.6	0.2222$_n$	1.668
	3.5	0.0078	1.112	0.8596	0 8.8	1.3094	23 12.8	0.2574$_n$	1.809
	4.5	0.0105	1.123	0.8640	0 8.7	1.3091	23 9.0	0.2900$_n$	1.950
	5.5	0.0132	1.134	0.8682	0 8.6	1.3088	23 5.2	0.3201$_n$	2.090
	6.5	0.0160	+1.145	0.8724	0 8.5	1.3085	23 1.5	0.3483$_n$	−2.230
	7.5	0.0187	1.156	0.8766	0 8.4	1.3082	22 57.7	0.3746$_n$	2.369
	8.5	0.0214	1.167	0.8806	0 8.2	1.3078	22 53.9	0.3992$_n$	2.507
	9.5	0.0242	1.177	0.8846	0 8.0	1.3075	22 50.1	0.4223$_n$	2.644
	10.5	0.0269	1.188	0.8886	0 7.8	1.3071	22 46.3	0.4442$_n$	2.781
	11.5	0.0296	1.199	0.8924	0 7.7	1.3067	22 42.4	0.4649$_n$	2.917
	12.5	0.0324	+1.210	0.8963	0 7.4	1.3062	22 38.6	0.4846$_n$	−3.052
	13.5	0.0351	1.220	0.9000	0 7.2	1.3058	22 34.8	0.5032$_n$	3.186
	14.5	0.0379	1.231	0.9037	0 7.0	1.3053	22 31.0	0.5209$_n$	3.318
	15.5	0.0406	1.241	0.9074	0 6.8	1.3049	22 27.1	0.5378$_n$	3.450
	16.5	0.0433	1.251	0.9111	0 6.5	1.3044	22 23.3	0.5540$_n$	3.581
	17.5	0.0461	1.262	0.9146	0 6.3	1.3039	22 19.4	0.5694$_n$	3.710
	18.5	0.0488	+1.272	0.9181	0 6.0	1.3033	22 15.6	0.5841$_n$	−3.838
	19.5	0.0515	1.282	0.9215	0 5.7	1.3028	22 11.7	0.5982$_n$	3.965
	20.5	0.0543	1.292	0.9249	0 5.5	1.3023	22 7.8	0.6118$_n$	4.091
	21.5	0.0570	1.302	0.9282	0 5.2	1.3017	22 3.9	0.6249$_n$	4.216
	22.5	0.0598	1.312	0.9315	0 4.9	1.3011	22 0.0	0.6374$_n$	4.339
	23.5	0.0625	1.321	0.9346	0 4.7	1.3005	21 56.1	0.6493$_n$	4.460
	24.5	0.0652	+1.331	0.9378	0 4.4	1.2999	21 52.2	0.6609$_n$	−4.580
	25.5	0.0680	1.341	0.9409	0 4.1	1.2993	21 48.2	0.6721$_n$	4.700
	26.5	0.0707	1.350	0.9440	0 3.8	1.2987	21 44.3	0.6828$_n$	4.817
	27.5	0.0734	1.360	0.9470	0 3.5	1.2981	21 40.3	0.6930$_n$	4.932
	28.5	0.0762	1.369	0.9499	0 3.2	1.2975	21 36.4	0.7029$_n$	5.046
	29.5	0.0789	1.378	0.9528	0 2.9	1.2969	21 32.4	0.7126$_n$	5.159
	30.5	0.0817	+1.387	0.9557	0 2.6	1.2962	21 28.4	0.7218$_n$	
	31.5	0.0844	1.396	0.9585	0 2.3	1.2956	21 24.4	0.7307$_n$	
Febr.	1.5	0.0871	1.405	0.9612	0 2.0	1.2949	21 20.4	0.7393$_n$	
	2.5	0.0899	1.414	0.9639	0 1.7	1.2943	21 16.4	0.7476$_n$	
	3.5	0.0926	1.422	0.9666	0 1.4	1.2936	21 12.4	0.7556$_n$	
	4.5	0.0954	1.431	0.9692	0 1.1	1.2929	21 8.3	0.7634$_n$	
	5.5	0.0981	+1.440	0.9718	0 0.8	1.2923	21 4.3	0.7708$_n$	
	6.5	0.1008	1.448	0.9743	0 0.6	1.2916	21 0.2	0.7779$_n$	
	7.5	0.1036	1.456	0.9768	0 0.3	1.2910	20 56.1	0.7849$_n$	
	8.5	0.1063	1.464	0.9792	0 0.0	1.2903	20 52.1	0.7916$_n$	
	9.5	0.1090	1.472	0.9816	23 59.7	1.2896	20 48.0	0.7980$_n$	
	10.5	0.1118	1.480	0.9840	23 59.5	1.2890	20 43.9	0.8043$_n$	

Mittl. Zeit Greenwich	f'	g'	G'	Allgemeine Präzession seit 1918.0	Δψ	Δψ'	Wahre Schiefe	Δε	Δε'
	in 0.001 s	in 0.01 "	h	"	"	in 0.01 "	23° 26' "	"	in 0.01 "
Jan. 0.5	+13	+9	22.4	−0.02	+17.65	+21	59.59	−0.28	+4
1.5	+9	9	20.8	+0.11	17.69	+15	59.61	0.28	+6
2.5	+4	8	19.1	0.25	17.74	+6	59.63	0.28	+8
3.5	−2	9	17.4	0.39	17.78	−3	59.63	0.28	+9
4.5	−8	9	15.6	0.53	17.83	−13	59.61	0.28	+7
5.5	−12	9	14.1	0.66	17.87	−20	59.59	0.28	+5
6.5	−15	+10	12.6	+0.80	+17.92	−25	59.56	−0.28	+2
7.5	−16	10	11.2	0.94	17.96	−26	59.52	0.27	−2
8.5	−14	11	9.9	1.08	18.00	−23	59.49	0.27	−6
9.5	−10	10	8.5	1.21	18.04	−16	59.47	0.27	−8
10.5	−4	9	7.0	1.35	18.08	−6	59.46	0.26	−9
11.5	+3	8	5.2	1.49	18.11	+4	59.47	0.26	−8
12.5	+8	+7	2.9	+1.63	+18.15	+13	59.51	−0.26	−5
13.5	+12	8	0.5	1.76	18.18	+19	59.55	0.25	−1
14.5	+12	9	22.3	1.90	18.22	+20	59.60	0.24	+4
15.5	+9	10	20.6	2.04	18.25	+15	59.64	0.24	+7
16.5	+4	10	19.1	2.18	18.28	+7	59.67	0.23	+9
17.5	−2	9	17.5	2.31	18.31	−3	59.67	0.22	+9
18.5	−7	+8	15.8	+2.45	+18.34	−11	59.65	−0.22	+7
19.5	−10	7	13.5	2.59	18.37	−16	59.62	0.21	+3
20.5	−10	7	10.8	2.73	18.40	−16	59.58	0.20	−2
21.5	−7	8	8.3	2.87	18.42	−11	59.54	0.19	−6
22.5	−2	9	6.5	3.00	18.45	−3	59.53	0.18	−9
23.5	+4	10	4.9	3.14	18.47	+7	59.53	0.17	−9
24.5	+10	+10	3.5	+3.28	+18.49	+16	59.55	−0.16	−8
25.5	+13	10	2.0	3.42	18.51	+22	59.59	0.15	−5
26.5	+15	10	0.5	3.55	18.52	+24	59.64	0.14	−1
27.5	+14	9	22.9	3.69	18.54	+22	59.69	0.13	+3
28.5	+10	9	21.2	3.83	18.55	+17	59.73	0.12	+6
29.5	+5	9	19.6	3.97	18.57	+9	59.76	0.11	+8
30.5	0	+8	17.9	+4.10	+18.58	0	59.77	−0.10	+8
31.5	−6	9	16.2	4.24	18.59	−10	59.78	0.09	+8
Febr. 1.5	−11	9	14.6	4.38	18.59	−18	59.77	0.08	+6
2.5	−14	10	13.1	4.52	18.60	−24	59.75	0.07	+3
3.5	−16	10	11.6	4.65	18.60	−26	59.72	0.06	−1
4.5	−15	11	10.3	4.79	18.61	−25	59.69	0.04	−5
5.5	−12	+11	9.0	+4.93	+18.61	−19	59.67	−0.03	−7
6.5	−7	10	7.7	5.07	18.61	−11	59.67	0.02	−9
7.5	0	8	6.1	5.20	18.61	−1	59.68	−0.01	−8
8.5	+6	7	4.0	5.34	18.60	+9	59.72	0.00	−6
9.5	+10	7	1.4	5.48	18.60	+16	59.76	+0.01	−2
10.5	+11	8	22.9	5.62	18.59	+18	59.82	0.02	+2

Mittl. Zeit Greenwich	t	f	log g	G	log h	H	log i
		s		h m		h m	
Febr. 10.5	0.1118	+1.480	0.9840	23 59.5	1.2890	20 43.9	0.8043$_n$
11.5	0.1145	1.488	0.9863	23 59.2	1.2883	20 39.7	0.8102$_n$
12.5	0.1173	1.496	0.9886	23 59.0	1.2877	20 35.6	0.8160$_n$
13.5	0.1200	1.504	0.9908	23 58.8	1.2870	20 31.5	0.8216$_n$
14.5	0.1227	1.511	0.9930	23 58.5	1.2864	20 27.3	0.8270$_n$
15.5	0.1255	1.519	0.9952	23 58.3	1.2858	20 23.2	0.8321$_n$
16.5	0.1282	+1.526	0.9973	23 58.1	1.2851	20 19.0	0.8371$_n$
17.5	0.1309	1.534	0.9994	23 57.9	1.2845	20 14.8	0.8419$_n$
18.5	0.1337	1.541	1.0014	23 57.7	1.2839	20 10.6	0.8465$_n$
19.5	0.1364	1.548	1.0035	23 57.5	1.2833	20 6.4	0.8508$_n$
20.5	0.1392	1.555	1.0054	23 57.3	1.2827	20 2.2	0.8550$_n$
21.5	0.1419	1.562	1.0074	23 57.2	1.2822	19 58.0	0.8591$_n$
22.5	0.1446	+1.569	1.0093	23 57.0	1.2816	19 53.8	0.8630$_n$
23.5	0.1474	1.576	1.0111	23 56.9	1.2811	19 49.5	0.8667$_n$
24.5	0.1501	1.582	1.0130	23 56.7	1.2805	19 45.3	0.8703$_n$
25.5	0.1528	1.589	1.0149	23 56.6	1.2800	19 41.1	0.8736$_n$
26.5	0.1556	1.596	1.0167	23 56.5	1.2795	19 36.8	0.8769$_n$
27.5	0.1583	1.602	1.0185	23 56.4	1.2790	19 32.5	0.8799$_n$
28.5	0.1611	+1.609	1.0202	23 56.3	1.2786	19 28.2	0.8828$_n$
März 1.5	0.1638	1.615	1.0219	23 56.2	1.2781	19 24.0	0.8856$_n$
2.5	0.1665	1.621	1.0236	23 56.2	1.2777	19 19.7	0.8882$_n$
3.5	0.1693	1.628	1.0253	23 56.1	1.2773	19 15.4	0.8906$_n$
4.5	0.1720	1.634	1.0269	23 56.1	1.2769	19 11.1	0.8929$_n$
5.5	0.1748	1.640	1.0286	23 56.0	1.2765	19 6.8	0.8951$_n$
6.5	0.1775	+1.646	1.0302	23 56.0	1.2762	19 2.5	0.8971$_n$
7.5	0.1802	1.652	1.0318	23 56.0	1.2759	18 58.2	0.8989$_n$
8.5	0.1830	1.658	1.0334	23 56.0	1.2756	18 53.8	0.9007$_n$
9.5	0.1857	1.664	1.0349	23 56.0	1.2753	18 49.5	0.9023$_n$
10.5	0.1884	1.670	1.0365	23 56.1	1.2750	18 45.2	0.9038$_n$
11.5	0.1912	1.676	1.0380	23 56.1	1.2748	18 40.9	0.9051$_n$
12.5	0.1939	+1.682	1.0395	23 56.2	1.2745	18 36.5	0.9063$_n$
13.5	0.1967	1.688	1.0410	23 56.3	1.2743	18 32.2	0.9073$_n$
14.5	0.1994	1.693	1.0425	23 56.4	1.2742	18 27.9	0.9082$_n$
15.5	0.2021	1.699	1.0439	23 56.5	1.2740	18 23.5	0.9090$_n$
16.5	0.2049	1.705	1.0454	23 56.6	1.2739	18 19.2	0.9097$_n$
17.5	0.2076	1.711	1.0469	23 56.7	1.2738	18 14.9	0.9102$_n$
18.5	0.2103	+1.716	1.0483	23 56.9	1.2738	18 10.5	0.9106$_n$
19.5	0.2131	1.722	1.0498	23 57.0	1.2737	18 6.2	0.9108$_n$
20.5	0.2158	1.728	1.0513	23 57.2	1.2737	18 1.9	0.9109$_n$
21.5	0.2186	1.733	1.0527	23 57.4	1.2737	17 57.5	0.9109$_n$
22.5	0.2213	1.739	1.0540	23 57.6	1.2737	17 53.2	0.9108$_n$
23.5	0.2240	1.745	1.0555	23 57.8	1.2738	17 48.9	0.9105$_n$

Mittl. Zeit Greenwich	f'	g'	G'	Allgemeine Präzession seit 1918.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
	in 0.001 (s)	in 0.01 (″)	(h)	(″)	(″)	in 0.01 (″)	23° 26′ (″)	(″)	in 0.01 (″)
Febr. 10.5	+11	+ 8	22.9	+ 5.62	+18.59	+18	59.82	+0.02	+ 2
11.5	+10	9	20.9	5.75	18.58	+16	59.87	0.03	+ 6
12.5	+ 5	10	19.4	5.89	18.57	+ 9	59.91	0.04	+ 9
13.5	0	10	18.0	6.03	18.56	0	59.92	0.05	+10
14.5	− 5	9	16.4	6.17	18.54	− 8	59.91	0.06	+ 8
15.5	− 9	7	14.3	6.31	18.53	−14	59.88	0.07	+ 4
16.5	− 9	+ 6	11.7	+ 6.44	+18.51	−15	59.85	+0.08	0
17.5	− 7	7	8.9	6.58	18.50	−12	59.81	0.09	− 5
18.5	− 3	8	6.8	6.72	18.48	− 4	59.78	0.10	− 8
19.5	+ 3	10	5.2	6.86	18.46	+ 5	59.78	0.11	− 9
20.5	+ 9	10	3.7	6.99	18.43	+15	59.79	0.12	− 9
21.5	+13	10	2.4	7.13	18.41	+22	59.83	0.12	− 6
22.5	+15	+10	0.9	+ 7.27	+18.38	+25	59.87	+0.13	− 2
23.5	+15	10	23.4	7.41	18.36	+24	59.91	0.14	+ 1
24.5	+12	9	21.8	7.54	18.33	+20	59.96	0.15	+ 5
25.5	+ 7	9	20.3	7.68	18.30	+12	59.98	0.15	+ 7
26.5	+ 2	9	18.5	7.82	18.27	+ 3	60.00	0.16	+ 8
27.5	− 4	8	16.8	7.96	18.24	− 6	60.00	0.16	+ 8
28.5	− 9	+ 9	15.1	+ 8.09	+18.21	−15	59.99	+0.17	+ 6
März 1.5	−13	9	13.5	8.23	18.18	−22	59.96	0.17	+ 4
2.5	−16	10	12.0	8.37	18.14	−25	59.93	0.18	0
3.5	−15	11	10.7	8.51	18.11	−25	59.89	0.18	− 4
4.5	−13	11	9.5	8.64	18.07	−22	59.86	0.18	− 7
5.5	− 9	10	8.2	8.78	18.03	−14	59.84	0.18	− 9
6.5	− 3	+ 9	6.9	+ 8.92	+17.99	− 5	59.84	+0.19	− 9
7.5	+ 3	7	5.1	9.06	17.96	+ 4	59.86	0.19	− 7
8.5	+ 7	6	2.5	9.20	17.92	+12	59.89	0.19	− 4
9.5	+10	6	23.6	9.33	17.88	+16	59.93	0.19	+ 1
10.5	+ 9	8	21.3	9.47	17.84	+15	59.98	0.19	+ 5
11.5	+ 6	9	19.6	9.61	17.79	+ 9	60.01	0.18	+ 8
12.5	+ 1	+10	18.2	+ 9.75	+17.75	+ 1	60.01	+0.18	+10
13.5	− 4	9	16.8	9.88	17.71	− 7	60.00	0.18	+ 9
14.5	− 8	8	15.0	10.02	17.67	−14	59.96	0.17	+ 5
15.5	−10	6	12.6	10.16	17.62	−16	59.91	0.17	+ 1
16.5	− 8	7	9.7	10.30	17.58	−14	59.86	0.16	− 4
17.5	− 4	8	7.3	10.43	17.54	− 7	59.81	0.16	− 7
18.5	+ 2	+ 9	5.6	+10.57	+17.49	+ 3	59.79	+0.15	− 9
19.5	+ 8	11	4.1	10.71	17.45	+12	59.78	0.14	− 9
20.5	+13	11	2.7	10.85	17.41	+21	59.79	0.14	− 7
21.5	+16	11	1.4	10.98	17.36	+26	59.82	0.13	− 4
22.5	+16	10	0.0	11.12	17.32	+26	59.84	0.12	0
23.5	+14	10	22.4	11.26	17.27	+22	59.87	0.11	+ 4

Mittl. Zeit Greenwich		t	f	log g	G		log h	H		log i
			s		h	m		h	m	
März	23.5	0.2240	+1.745	1.0555	23	57.8	1.2738	17	48.9	0.9105_n
	24.5	0.2268	1.751	1.0569	23	58.0	1.2738	17	44.6	0.9101_n
	25.5	0.2295	1.756	1.0583	23	58.2	1.2739	17	40.3	0.9096_n
	26.5	0.2322	1.762	1.0597	23	58.4	1.2741	17	36.0	0.9089_n
	27.5	0.2350	1.768	1.0612	23	58.7	1.2742	17	31.6	0.9081_n
	28.5	0.2377	1.774	1.0626	23	59.0	1.2744	17	27.3	0.9072_n
	29.5	0.2405	+1.780	1.0640	23	59.2	1.2746	17	23.0	0.9062_n
	30.5	0.2432	1.785	1.0654	23	59.5	1.2748	17	18.8	0.9050_n
	31.5	0.2459	1.791	1.0669	23	59.8	1.2750	17	14.5	0.9036_n
April	1.5	0.2487	1.797	1.0683	0	0.1	1.2753	17	10.2	0.9022_n
	2.5	0.2514	1.803	1.0697	0	0.4	1.2756	17	5.9	0.9006_n
	3.5	0.2542	1.809	1.0711	0	0.7	1.2759	17	1.7	0.8989_n
	4.5	0.2569	+1.815	1.0725	0	1.1	1.2762	16	57.4	0.8971_n
	5.5	0.2596	1.821	1.0740	0	1.4	1.2765	16	53.2	0.8951_n
	6.5	0.2624	1.827	1.0754	0	1.8	1.2769	16	49.0	0.8929_n
	7.5	0.2651	1.833	1.0769	0	2.1	1.2773	16	44.8	0.8906_n
	8.5	0.2678	1.839	1.0785	0	2.5	1.2777	16	40.5	0.8883_n
	9.5	0.2706	1.845	1.0799	0	2.8	1.2781	16	36.3	0.8858_n
	10.5	0.2733	+1.852	1.0813	0	3.2	1.2785	16	32.1	0.8830_n
	11.5	0.2761	1.858	1.0829	0	3.6	1.2790	16	28.0	0.8802_n
	12.5	0.2788	1.864	1.0844	0	4.0	1.2795	16	23.8	0.8773_n
	13.5	0.2815	1.871	1.0859	0	4.4	1.2800	16	19.7	0.8742_n
	14.5	0.2843	1.877	1.0874	0	4.8	1.2804	16	15.5	0.8709_n
	15.5	0.2870	1.884	1.0890	0	5.2	1.2810	16	11.4	0.8675_n
	16.5	0.2897	+1.891	1.0905	0	5.6	1.2815	16	7.3	0.8640_n
	17.5	0.2925	1.897	1.0921	0	6.0	1.2820	16	3.2	0.8602_n
	18.5	0.2952	1.904	1.0937	0	6.4	1.2826	15	59.1	0.8563_n
	19.5	0.2980	1.911	1.0953	0	6.9	1.2831	15	55.0	0.8523_n
	20.5	0.3007	1.918	1.0969	0	7.3	1.2837	15	50.9	0.8481_n
	21.5	0.3034	1.925	1.0984	0	7.7	1.2843	15	46.9	0.8437_n
	22.5	0.3062	+1.932	1.1001	0	8.1	1.2849	15	42.8	0.8392_n
	23.5	0.3089	1.939	1.1017	0	8.6	1.2855	15	38.8	0.8345_n
	24.5	0.3116	1.947	1.1035	0	9.0	1.2861	15	34.8	0.8296_n
	25.5	0.3144	1.954	1.1051	0	9.4	1.2867	15	30.8	0.8246_n
	26.5	0.3171	1.961	1.1068	0	9.8	1.2873	15	26.8	0.8193_n
	27.5	0.3199	1.969	1.1085	0	10.3	1.2879	15	22.8	0.8138_n
	28.5	0.3226	+1.976	1.1102	0	10.7	1.2886	15	18.8	0.8082_n
	29.5	0.3253	1.984	1.1119	0	11.1	1.2892	15	14.9	0.8024_n
	30.5	0.3281	1.992	1.1136	0	11.6	1.2898	15	11.0	0.7964_n
Mai	1.5	0.3308	2.000	1.1154	0	12.0	1.2904	15	7.0	0.7901_n
	2.5	0.3335	2.008	1.1172	0	12.4	1.2911	15	3.1	0.7837_n
	3.5	0.3363	2.016	1.1189	0	12.8	1.2917	14	59.2	0.7770_n

Mittl. Zeit Greenwich	f'	g'	G'	Allgemeine Präzession seit 1918.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
	in $0^s.001$	in $0''.01$	h	"	"	in $0''.01$	23° 26' "	"	in $0''.01$
März 23.5	+14	+10	22.4	+11.26	+17.27	+22	59.87	+0.11	+ 4
24.5	+10	9	20.9	11.40	17.23	+16	59.89	0.10	+ 7
25.5	+ 4	9	19.3	11.53	17.18	+ 7	59.89	0.09	+ 8
26.5	— 2	8	17.5	11.67	17.14	— 2	59.88	0.08	+ 8
27.5	— 7	8	15.8	11.81	17.10	—11	59.85	0.07	+ 7
28.5	—11	9	14.1	11.95	17.05	—19	59.82	0.05	+ 5
29.5	—14	+ 9	12.5	+12.09	+17.01	—23	59.77	+0.04	+ 1
30.5	—15	10	11.1	12.22	16.97	—24	59.71	0.02	— 2
31.5	—13	10	9.8	12.36	16.92	—22	59.67	+0.01	— 6
April 1.5	—10	10	8.6	12.50	16.88	—16	59.63	—0.01	— 8
2.5	— 5	9	7.3	12.64	16.84	— 8	59.60	0.02	— 9
3.5	+ 1	8	5.7	12.77	16.80	+ 1	59.59	0.04	— 8
4.5	+ 6	+ 6	3.5	+12.91	+16.76	+ 9	59.60	—0.05	— 5
5.5	+ 9	6	0.5	13.05	16.72	+14	59.63	0.07	— 1
6.5	+ 9	7	21.8	13.19	16.68	+14	59.65	0.09	+ 4
7.5	+ 6	8	19.9	13.32	16.65	+10	59.67	0.11	+ 7
8.5	+ 1	9	18.4	13.46	16.61	+ 2	59.67	0.13	+ 9
9.5	— 4	9	16.9	13.60	16.58	— 6	59.64	0.15	+ 9
10.5	— 9	+ 9	15.3	+13.74	+16.54	—14	59.60	—0.17	+ 7
11.5	—11	7	13.4	13.87	16.51	—18	59.53	0.19	+ 3
12.5	—10	7	10.8	14.01	16.47	—16	59.46	0.21	— 2
13.5	— 6	8	8.2	14.15	16.44	—10	59.40	0.23	— 6
14.5	— 1	9	6.2	14.29	16.41	— 1	59.35	0.26	— 9
15.5	+ 6	10	4.6	14.42	16.38	+ 9	59.32	0.28	—10
16.5	+12	+11	3.1	+14.56	+16.35	+19	59.31	—0.30	— 8
17.5	+15	11	1.7	14.70	16.32	+25	59.32	0.32	— 5
18.5	+17	11	0.4	14.84	16.30	+27	59.33	0.35	— 1
19.5	+15	10	22.9	14.98	16.27	+25	59.34	0.37	+ 3
20.5	+12	10	21.4	15.11	16.25	+19	59.35	0.40	+ 6
21.5	+ 7	9	19.9	15.25	16.22	+11	59.34	0.42	+ 8
22.5	+ 1	+ 9	18.2	+15.39	+16.20	+ 1	59.32	—0.45	+ 8
23.5	— 5	8	16.5	15.53	16.18	— 8	59.29	0.47	+ 7
24.5	—10	8	14.7	15.66	16.16	—16	59.24	0.50	+ 5
25.5	—13	9	13.0	15.80	16.15	—21	59.18	0.52	+ 2
26.5	—14	9	11.5	15.94	16.13	—23	59.12	0.55	— 1
27.5	—13	10	10.1	16.08	16.12	—22	59.06	0.58	— 5
28.5	—10	+10	8.8	+16.21	+16.10	—17	59.00	—0.60	— 7
29.5	— 6	9	7.5	16.35	16.09	— 9	58.96	0.63	— 9
30.5	0	8	6.0	16.49	16.08	0	58.94	0.66	— 8
Mai 1.5	+ 5	7	4.1	16.63	16.07	+ 8	58.93	0.68	— 6
2.5	+ 8	6	1.5	16.76	16.06	+13	58.94	0.71	— 2
3.5	+ 9	6	22.7	16.90	16.05	+15	58.96	0.74	+ 2

Mittl. Zeit Greenwich	t	f	log g	G	log h	H	log i	i
		s		h m		h m		″
Mai 3.5	0.3363	+2.016	1.1189	0 12.8	1.2917	14 59.2	0.7770_n	
4.5	0.3390	2.024	1.1207	0 13.2	1.2923	14 55.4	0.7700_n	
5.5	0.3418	2.032	1.1224	0 13.7	1.2930	14 51.5	0.7630_n	
6.5	0.3445	2.040	1.1243	0 14.1	1.2936	14 47.6	0.7556_n	
7.5	0.3472	2.048	1.1261	0 14.5	1.2942	14 43.8	0.7480_n	
8.5	0.3500	2.057	1.1280	0 14.9	1.2949	14 40.0	0.7401_n	
9.5	0.3527	+2.065	1.1298	0 15.3	1.2955	14 36.1	0.7319_n	
10.5	0.3555	2.074	1.1317	0 15.6	1.2961	14 32.3	0.7235_n	
11.5	0.3582	2.083	1.1335	0 16.0	1.2967	14 28.5	0.7147_n	
12.5	0.3609	2.092	1.1355	0 16.4	1.2973	14 24.7	0.7058_n	
13.5	0.3637	2.100	1.1374	0 16.8	1.2979	14 21.0	0.6964_n	
14.5	0.3664	2.109	1.1392	0 17.1	1.2985	14 17.2	0.6868_n	
15.5	0.3691	+2.118	1.1411	0 17.5	1.2991	14 13.5	0.6768_n	−4.751
16.5	0.3719	2.127	1.1430	0 17.9	1.2997	14 9.8	0.6665_n	4.640
17.5	0.3746	2.137	1.1450	0 18.2	1.3002	14 6.0	0.6557_n	4.526
18.5	0.3774	2.146	1.1469	0 18.5	1.3008	14 2.3	0.6445_n	4.411
19.5	0.3801	2.155	1.1488	0 18.9	1.3013	13 58.6	0.6331_n	4.296
20.5	0.3828	2.164	1.1508	0 19.2	1.3019	13 54.9	0.6211_n	4.179
21.5	0.3856	+2.174	1.1527	0 19.5	1.3024	13 51.3	0.6086_n	−4.061
22.5	0.3883	2.183	1.1546	0 19.8	1.3029	13 47.6	0.5957_n	3.942
23.5	0.3910	2.193	1.1566	0 20.1	1.3034	13 43.9	0.5823_n	3.822
24.5	0.3938	2.203	1.1586	0 20.4	1.3039	13 40.3	0.5683_n	3.701
25.5	0.3965	2.213	1.1606	0 20.6	1.3044	13 36.6	0.5536_n	3.578
26.5	0.3993	2.222	1.1626	0 20.9	1.3048	13 33.0	0.5384_n	3.455
27.5	0.4020	+2.232	1.1646	0 21.2	1.3053	13 29.4	0.5226_n	−3.331
28.5	0.4047	2.242	1.1665	0 21.4	1.3057	13 25.8	0.5061_n	3.207
29.5	0.4075	2.252	1.1685	0 21.7	1.3061	13 22.2	0.4887_n	3.081
30.5	0.4102	2.262	1.1705	0 21.9	1.3065	13 18.6	0.4704_n	2.954
31.5	0.4129	2.272	1.1724	0 22.1	1.3069	13 15.0	0.4513_n	2.827
Juni 1.5	0.4157	2.282	1.1744	0 22.3	1.3073	13 11.4	0.4310_n	2.698
2.5	0.4184	+2.293	1.1764	0 22.5	1.3077	13 7.8	0.4098_n	−2.569
3.5	0.4212	2.303	1.1783	0 22.7	1.3080	13 4.3	0.3874_n	2.440
4.5	0.4239	2.313	1.1803	0 22.9	1.3083	13 0.7	0.3636_n	2.310
5.5	0.4266	2.324	1.1822	0 23.1	1.3086	12 57.2	0.3385_n	2.180
6.5	0.4294	2.334	1.1842	0 23.2	1.3089	12 53.6	0.3113_n	2.048
7.5	0.4321	2.344	1.1862	0 23.4	1.3092	12 50.1	0.2824_n	1.916
8.5	0.4349	+2.355	1.1882	0 23.5	1.3095	12 46.5	0.2514_n	−1.784
9.5	0.4376	2.365	1.1902	0 23.7	1.3097	12 43.0	0.2177_n	1.651
10.5	0.4403	2.376	1.1921	0 23.8	1.3099	12 39.5	0.1813_n	1.518
11.5	0.4431	2.386	1.1941	0 23.9	1.3101	12 35.9	0.1411_n	1.384
12.5	0.4458	2.397	1.1960	0 24.0	1.3103	12 32.4	0.0969_n	1.250
13.5	0.4485	2.408	1.1979	0 24.1	1.3105	12 28.9	0.0473_n	1.115

Mittl. Zeit Greenwich		f'	g'	G'	Allgemeine Präzession seit 1918.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
		in 0.ˢ001	in 0.″01	ʰ	″	″	in 0.″01	23° 26′	″	in 0.″01
Mai	3.5	+ 9	+ 6	22.7	+16.90	+16.05	+15	58.96	−0.74	+ 2
	4.5	+ 7	8	20.4	17.04	16.05	+12	58.97	0.76	+ 6
	5.5	+ 3	9	18.8	17.18	16.05	+ 4	58.97	0.79	+ 9
	6.5	− 3	10	17.2	17.31	16.04	− 5	58.94	0.82	+ 9
	7.5	− 8	9	15.7	17.45	16.04	−13	58.90	0.84	+ 8
	8.5	−11	8	13.9	17.59	16.04	−19	58.83	0.87	+ 4
	9.5	−12	+ 8	11.7	+17.73	+16.04	−19	58.76	−0.90	− 1
	10.5	− 9	8	9.3	17.86	16.05	−15	58.69	0.92	− 5
	11.5	− 4	9	7.1	18.00	16.05	− 6	58.63	0.95	− 8
	12.5	+ 3	10	5.2	18.14	16.06	+ 5	58.59	0.98	− 9
	13.5	+ 9	10	3.7	18.28	16.06	+15	58.57	1.00	− 9
	14.5	+14	11	2.2	18.42	16.07	+23	58.56	1.03	− 6
	15.5	+16	+11	0.8	+18.55	+16.08	+27	58.58	−1.06	− 2
	16.5	+16	10	23.4	18.69	16.09	+26	58.59	1.08	+ 2
	17.5	+13	10	21.9	18.83	16.11	+21	58.59	1.11	+ 5
	18.5	+ 8	9	20.4	18.97	16.12	+14	58.59	1.13	+ 8
	19.5	+ 3	9	18.8	19.10	16.14	+ 4	58.57	1.16	+ 8
	20.5	− 3	8	17.1	19.24	16.15	− 5	58.54	1.18	+ 8
	21.5	− 8	+ 8	15.3	+19.38	+16.17	−13	58.50	−1.21	+ 6
	22.5	−12	8	13.6	19.52	16.19	−19	58.45	1.23	+ 3
	23.5	−14	9	12.0	19.65	16.21	−22	58.39	1.26	0
	24.5	−13	9	10.5	19.79	16.23	−22	58.33	1.28	− 4
	25.5	−11	10	9.1	19.93	16.25	−18	58.27	1.30	− 7
	26.5	− 7	9	7.8	20.07	16.27	−11	58.23	1.33	− 8
	27.5	− 1	+ 8	6.4	+20.20	+16.30	− 2	58.21	−1.35	− 8
	28.5	+ 4	7	4.6	20.34	16.32	+ 7	58.20	1.37	− 7
	29.5	+ 8	6	2.2	20.48	16.35	+13	58.21	1.39	− 3
	30.5	+10	6	23.6	20.62	16.38	+16	58.23	1.41	+ 1
	31.5	+ 9	8	21.3	20.75	16.40	+14	58.25	1.43	+ 5
Juni	1.5	+ 5	9	19.4	20.89	16.43	+ 8	58.26	1.45	+ 8
	2.5	− 1	+ 9	17.8	+21.03	+16.46	− 1	58.25	−1.47	+ 9
	3.5	− 6	9	16.3	21.17	16.49	−10	58.22	1.49	+ 8
	4.5	−11	9	14.5	21.31	16.52	−17	58.17	1.51	+ 5
	5.5	−12	8	12.4	21.44	16.55	−20	58.11	1.53	+ 1
	6.5	−11	8	10.1	21.58	16.59	−18	58.04	1.55	− 4
	7.5	− 6	9	8.0	21.72	16.62	−11	57.99	1.57	− 7
	8.5	0	+ 9	6.1	+21.86	+16.65	0	57.95	−1.58	− 9
	9.5	+ 6	10	4.4	21.99	16.69	+10	57.93	1.60	− 9
	10.5	+12	10	2.8	22.13	16.72	+19	57.94	1.61	− 7
	11.5	+15	11	1.3	22.27	16.76	+25	57.96	1.63	− 4
	12.5	+16	10	23.8	22.41	16.79	+26	57.98	1.64	0
	13.5	+14	10	22.3	22.54	16.83	+22	58.00	1.66	+ 4

Mittl. Zeit Greenwich	t	f	log g	G	log h	H	log i	i
		s		h m		h m		"
Juni 13.5	0.4485	+2.408	1.1979	0 24.1	1.3105	12 28.9	0.0473$_n$	−1.115
14.5	0.4513	2.418	1.1999	0 24.2	1.3106	12 25.4	9.9912$_n$	0.980
15.5	0.4540	2.429	1.2018	0 24.3	1.3107	12 21.9	9.9269$_n$	0.845
16.5	0.4568	2.440	1.2037	0 24.3	1.3108	12 18.4	9.8513$_n$	0.710
17.5	0.4595	2.450	1.2056	0 24.4	1.3109	12 14.9	9.7597$_n$	0.575
18.5	0.4622	2.461	1.2076	0 24.4	1.3110	12 11.4	9.6435$_n$	0.440
19.5	0.4650	+2.472	1.2095	0 24.5	1.3111	12 7.9	9.4843$_n$	−0.305
20.5	0.4677	2.483	1.2114	0 24.5	1.3111	12 4.4	9.2279$_n$	0.169
21.5	0.4704	2.493	1.2133	0 24.5	1.3111	12 0.9	8.5185$_n$	−0.033
22.5	0.4732	2.504	1.2151	0 24.6	1.3111	11 57.4	9.0086	+0.102
23.5	0.4759	2.515	1.2170	0 24.6	1.3111	11 53.9	9.3766	0.238
24.5	0.4787	2.525	1.2188	0 24.5	1.3110	11 50.4	9.5729	0.374
25.5	0.4814	+2.536	1.2206	0 24.5	1.3110	11 46.9	9.7067	+0.509
26.5	0.4841	2.547	1.2225	0 24.5	1.3109	11 43.4	9.8089	0.644
27.5	0.4869	2.557	1.2243	0 24.5	1.3108	11 39.8	9.8915	0.779
28.5	0.4896	2.568	1.2261	0 24.4	1.3107	11 36.3	9.9609	0.914
29.5	0.4923	2.579	1.2279	0 24.4	1.3105	11 32.8	0.0208	1.049
30.5	0.4951	2.589	1.2296	0 24.4	1.3104	11 29.3	0.0730	1.183
Juli 1.5	0.4978	+2.600	1.2314	0 24.3	1.3102	11 25.8	0.1196	+1.317
2.5	0.5006	2.610	1.2331	0 24.3	1.3100	11 22.3	0.1614	1.450
3.5	0.5033	2.621	1.2349	0 24.2	1.3098	11 18.8	0.1995	1.583
4.5	0.5060	2.631	1.2366	0 24.1	1.3096	11 15.3	0.2345	1.716
5.5	0.5088	2.642	1.2383	0 24.0	1.3093	11 11.7	0.2667	1.848
6.5	0.5115	2.652	1.2400	0 23.9	1.3091	11 8.2	0.2967	1.980
7.5	0.5143	+2.663	1.2417	0 23.8	1.3088	11 4.7	0.3245	+2.111
8.5	0.5170	2.673	1.2434	0 23.7	1.3085	11 1.1	0.3506	2.242
9.5	0.5197	2.683	1.2450	0 23.6	1.3082	10 57.6	0.3753	2.373
10.5	0.5225	2.694	1.2466	0 23.5	1.3079	10 54.0	0.3983	2.502
11.5	0.5252	2.704	1.2483	0 23.4	1.3075	10 50.5	0.4200	2.630
12.5	0.5279	2.714	1.2499	0 23.3	1.3071	10 46.9	0.4406	2.758
13.5	0.5307	+2.724	1.2515	0 23.2	1.3068	10 43.4	0.4601	+2.885
14.5	0.5334	2.734	1.2531	0 23.0	1.3064	10 39.8	0.4787	3.011
15.5	0.5362	2.744	1.2546	0 22.9	1.3059	10 36.2	0.4965	3.137
16.5	0.5389	2.754	1.2562	0 22.8	1.3055	10 32.6	0.5135	3.262
17.5	0.5416	2.764	1.2577	0 22.6	1.3051	10 29.0	0.5297	3.386
18.5	0.5444	2.774	1.2592	0 22.5	1.3046	10 25.4	0.5452	3.509
19.5	0.5471	+2.783	1.2607	0 22.3	1.3042	10 21.8	0.5600	+3.631
20.5	0.5498	2.793	1.2622	0 22.2	1.3037	10 18.2	0.5741	3.751
21.5	0.5526	2.803	1.2636	0 22.0	1.3032	10 14.5	0.5878	3.871
22.5	0.5553	2.812	1.2651	0 21.9	1.3027	10 10.9	0.6010	3.990
23.5	0.5581	2.822	1.2665	0 21.7	1.3022	10 7.3	0.6137	4.109
24.5	0.5608	2.831	1.2679	0 21.6	1.3017	10 3.6	0.6258	4.225

Mittl. Zeit Greenwich	f'	g'	G'	Allgemeine Präzession seit 1918.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
	in 0.ˢ001	in 0.″01	h	″	″	in 0.″01	23° 26′	″	in 0.″01
Juni 13.5	+14	+10	22.3	+22.54	+16.83	+22	58.00	−1.66	+4
14.5	+10	9	20.8	22.68	16.87	+16	58.02	1.67	+7
15.5	+4	9	19.3	22.82	16.90	+7	58.02	1.68	+8
16.5	−1	8	17.6	22.96	16.94	−2	58.00	1.69	+8
17.5	−7	8	15.8	23.09	16.98	−11	57.97	1.71	+7
18.5	−11	8	14.0	23.23	17.01	−18	57.94	1.72	+4
19.5	−13	+9	12.4	+23.37	+17.05	−22	57.89	−1.73	+1
20.5	−14	9	10.9	23.51	17.09	−22	57.85	1.74	−3
21.5	−12	10	9.6	23.64	17.13	−19	57.81	1.75	−6
22.5	−8	9	8.2	23.78	17.16	−13	57.77	1.75	−8
23.5	−3	9	6.8	23.92	17.20	−5	57.76	1.76	−8
24.5	+3	8	5.1	24.06	17.24	+4	57.76	1.77	−7
25.5	+8	+7	3.0	+24.19	+17.28	+12	57.78	−1.78	−5
26.5	+10	7	0.5	24.33	17.32	+17	57.81	1.78	−1
27.5	+10	8	22.2	24.47	17.35	+17	57.85	1.79	+3
28.5	+7	9	20.2	24.61	17.39	+12	57.88	1.79	+7
29.5	+2	9	18.6	24.75	17.43	+4	57.89	1.80	+9
30.5	−4	9	17.0	24.88	17.46	−6	57.88	1.80	+9
Juli 1.5	−9	+9	15.2	+25.02	+17.50	−14	57.85	−1.80	+6
2.5	−12	8	13.2	25.16	17.53	−19	57.81	1.81	+2
3.5	−11	8	10.9	25.30	17.57	−19	57.76	1.81	−2
4.5	−8	8	8.7	25.43	17.60	−13	57.72	1.81	−6
5.5	−3	9	6.7	25.57	17.63	−4	57.69	1.81	−9
6.5	+4	10	5.0	25.71	17.67	+6	57.68	1.81	−9
7.5	+10	+10	3.4	+25.85	+17.70	+16	57.69	−1.81	−8
8.5	+14	10	1.9	25.98	17.73	+23	57.73	1.81	−5
9.5	+15	10	0.3	26.12	17.76	+25	57.77	1.81	−1
10.5	+14	10	22.8	26.26	17.79	+23	57.81	1.81	+3
11.5	+11	9	21.2	26.40	17.82	+17	57.84	1.81	+6
12.5	+6	9	19.7	26.53	17.85	+9	57.86	1.80	+8
13.5	0	+8	18.0	+26.67	+17.88	+1	57.86	−1.80	+8
14.5	−5	8	16.3	26.81	17.90	−9	57.85	1.80	+7
15.5	−10	8	14.5	26.95	17.93	−16	57.83	1.79	+5
16.5	−13	9	12.9	27.08	17.96	−21	57.80	1.79	+2
17.5	−14	9	11.3	27.22	17.98	−23	57.77	1.78	−2
18.5	−13	10	10.1	27.36	18.00	−21	57.75	1.78	−5
19.5	−10	+10	8.8	+27.50	+18.02	−16	57.73	−1.77	−7
20.5	−5	9	7.5	27.64	18.04	−8	57.72	1.77	−8
21.5	0	8	5.9	27.77	18.06	+1	57.73	1.76	−8
22.5	+6	7	3.8	27.91	18.08	+9	57.75	1.76	−6
23.5	+9	6	1.3	28.05	18.10	+15	57.80	1.75	−2
24.5	+10	7	22.9	28.19	18.12	+17	57.85	1.74	+2

Mittl. Zeit Greenwich	t	f	log g	G	log h	H	log i	i
Juli 24.5	0.5608	+2.831 s	1.2679	0 21.6 h m	1.3017	10 3.6 h m	0.6258	+4.225 ″
25.5	0.5635	2.840	1.2693	0 21.4	1.3011	9 59.9	0.6375	4.340
26.5	0.5663	2.850	1.2707	0 21.2	1.3006	9 56.3	0.6488	4.454
27.5	0.5690	2.859	1.2721	0 21.1	1.3000	9 52.6	0.6596	4.567
28.5	0.5717	2.868	1.2734	0 20.9	1.2995	9 48.9	0.6702	4.680
29.5	0.5745	2.877	1.2748	0 20.7	1.2989	9 45.2	0.6803	4.790
30.5	0.5772	+2.886	1.2761	0 20.5	1.2983	9 41.5	0.6901	
31.5	0.5800	2.895	1.2774	0 20.4	1.2977	9 37.7	0.6996	
Aug. 1.5	0.5827	2.903	1.2787	0 20.2	1.2971	9 34.0	0.7088	
2.5	0.5854	2.912	1.2799	0 20.0	1.2965	9 30.2	0.7176	
3.5	0.5882	2.921	1.2812	0 19.8	1.2959	9 26.5	0.7262	
4.5	0.5909	2.929	1.2824	0 19.7	1.2953	9 22.7	0.7345	
5.5	0.5937	+2.938	1.2836	0 19.5	1.2947	9 18.9	0.7424	
6.5	0.5964	2.946	1.2848	0 19.3	1.2941	9 15.1	0.7501	
7.5	0.5991	2.954	1.2860	0 19.2	1.2934	9 11.3	0.7576	
8.5	0.6019	2.962	1.2872	0 19.0	1.2928	9 7.5	0.7649	
9.5	0.6046	2.970	1.2884	0 18.8	1.2922	9 3.6	0.7719	
10.5	0.6073	2.978	1.2895	0 18.7	1.2916	8 59.8	0.7787	
11.5	0.6101	+2.986	1.2906	0 18.5	1.2909	8 55.9	0.7852	
12.5	0.6128	2.994	1.2917	0 18.4	1.2903	8 52.1	0.7916	
13.5	0.6156	3.002	1.2928	0 18.2	1.2897	8 48.2	0.7977	
14.5	0.6183	3.010	1.2939	0 18.0	1.2891	8 44.3	0.8036	
15.5	0.6210	3.017	1.2950	0 17.9	1.2884	8 40.4	0.8094	
16.5	0.6238	3.025	1.2960	0 17.7	1.2878	8 36.5	0.8148	
17.5	0.6265	+3.032	1.2971	0 17.6	1.2872	8 32.5	0.8202	
18.5	0.6292	3.039	1.2981	0 17.4	1.2866	8 28.6	0.8254	
19.5	0.6320	3.047	1.2991	0 17.3	1.2860	8 24.6	0.8303	
20.5	0.6347	3.054	1.3001	0 17.1	1.2854	8 20.7	0.8351	
21.5	0.6375	3.061	1.3011	0 17.0	1.2848	8 16.7	0.8398	
22.5	0.6402	3.068	1.3021	0 16.9	1.2842	8 12.7	0.8442	
23.5	0.6429	+3.075	1.3030	0 16.8	1.2836	8 8.7	0.8485	
24.5	0.6457	3.082	1.3040	0 16.6	1.2831	8 4.6	0.8527	
25.5	0.6484	3.089	1.3049	0 16.5	1.2825	8 0.6	0.8567	
26.5	0.6511	3.095	1.3058	0 16.4	1.2820	7 56.6	0.8605	
27.5	0.6539	3.102	1.3068	0 16.3	1.2815	7 52.5	0.8642	
28.5	0.6566	3.108	1.3077	0 16.2	1.2809	7 48.4	0.8676	
29.5	0.6594	+3.115	1.3086	0 16.1	1.2804	7 44.4	0.8710	
30.5	0.6621	3.121	1.3095	0 16.0	1.2799	7 40.3	0.8742	
31.5	0.6648	3.128	1.3103	0 15.9	1.2795	7 36.2	0.8773	
Sept. 1.5	0.6676	3.134	1.3112	0 15.8	1.2790	7 32.0	0.8802	
2.5	0.6703	3.140	1.3120	0 15.8	1.2785	7 27.9	0.8830	
3.5	0.6731	3.146	1.3129	0 15.7	1.2781	7 23.8	0.8856	

Mittl. Zeit Greenwich	f'	g'	G'	Allgemeine Präzession seit 1918.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
	in 0.001 (s)	in 0.01 (")	(h)	(")	(")	in 0.01 (")	23° 26'	(")	in 0.01 (")
Juli 24.5	+10	+ 7	22.9	+28.19	+18.12	+17	57.85	−1.74	+ 2
25.5	+ 9	8	20.9	28.32	18.13	+14	57.89	1.73	+ 6
26.5	+ 5	9	19.2	28.46	18.14	+ 7	57.92	1.72	+ 9
27.5	− 1	9	17.7	28.60	18.16	− 1	57.94	1.72	+ 9
28.5	− 7	9	15.9	28.74	18.17	−11	57.93	1.71	+ 7
29.5	−10	8	14.1	28.87	18.18	−16	57.90	1.70	+ 4
30.5	−11	+ 7	11.7	+29.01	+18.18	−18	57.86	−1.69	− 1
31.5	− 9	8	9.2	29.15	18.19	−14	57.82	1.68	− 5
Aug. 1.5	− 4	9	7.1	29.29	18.20	− 6	57.80	1.67	− 8
2.5	+ 2	10	5.4	29.42	18.20	+ 4	57.80	1.66	− 9
3.5	+ 8	10	3.8	29.56	18.20	+14	57.81	1.65	− 9
4.5	+13	10	2.3	29.70	18.21	+21	57.85	1.64	− 6
5.5	+15	+10	0.8	+29.84	+18.21	+25	57.89	−1.63	− 2
6.5	+15	10	23.3	29.97	18.20	+24	57.94	1.62	+ 2
7.5	+12	10	21.7	30.11	18.20	+20	57.99	1.61	+ 5
8.5	+ 7	9	20.2	30.25	18.20	+12	58.02	1.61	+ 8
9.5	+ 2	8	18.5	30.39	18.19	+ 3	58.03	1.60	+ 8
10.5	− 4	8	16.8	30.52	18.19	− 6	58.03	1.59	+ 8
11.5	− 9	+ 8	15.0	+30.66	+18.18	−14	58.02	−1.58	+ 6
12.5	−12	9	13.3	30.80	18.17	−20	58.00	1.57	+ 3
13.5	−14	9	11.8	30.94	18.16	−23	57.98	1.56	0
14.5	−14	10	10.5	31.08	18.15	−23	57.95	1.55	− 4
15.5	−12	10	9.3	31.21	18.13	−19	57.93	1.54	− 6
16.5	− 7	10	8.0	31.35	18.12	−12	57.92	1.53	− 8
17.5	− 2	+ 8	6.7	+31.49	+18.10	− 4	57.93	−1.52	− 8
18.5	+ 3	7	4.9	31.63	18.08	+ 5	57.96	1.51	− 7
19.5	+ 7	6	2.4	31.76	18.06	+12	58.00	1.50	− 3
20.5	+ 9	6	23.6	31.90	18.04	+15	58.04	1.49	+ 1
21.5	+ 9	7	21.4	32.04	18.02	+14	58.09	1.48	+ 5
22.5	+ 6	9	19.6	32.18	18.00	+ 9	58.13	1.48	+ 8
23.5	+ 1	+ 9	18.2	+32.31	+17.97	+ 1	58.15	−1.47	+ 9
24.5	− 5	9	16.7	32.45	17.95	− 7	58.15	1.46	+ 8
25.5	− 9	8	14.9	32.59	17.92	−14	58.12	1.45	+ 5
26.5	−10	7	12.6	32.73	17.89	−17	58.09	1.45	+ 1
27.5	− 9	7	9.9	32.86	17.86	−15	58.05	1.44	− 4
28.5	− 5	8	7.6	33.00	17.83	− 8	58.01	1.43	− 7
29.5	+ 1	+ 9	5.7	+33.14	+17.80	+ 2	58.00	−1.43	− 9
30.5	+ 7	10	4.1	33.28	17.77	+12	58.00	1.42	− 9
31.5	+13	11	2.6	33.41	17.73	+21	58.03	1.42	− 7
Sept. 1.5	+16	11	1.2	33.55	17.70	+25	58.07	1.41	− 3
2.5	+16	10	23.7	33.69	17.66	+26	58.11	1.41	+ 1
3.5	+14	10	22.2	33.83	17.63	+22	58.15	1.41	+ 4

Mittl. Zeit Greenwich	t	f	log g	G	log h	H	log i
		s		h m		h m	
Sept. 3.5	0.6731	+3.146	1.3129	0 15.7	1.2781	7 23.8	0.8856
4.5	0.6758	3.152	1.3137	0 15.6	1.2777	7 19.6	0.8882
5.5	0.6785	3.159	1.3145	0 15.6	1.2773	7 15.5	0.8906
6.5	0.6813	3.165	1.3154	0 15.5	1.2769	7 11.3	0.8928
7.5	0.6840	3.171	1.3162	0 15.5	1.2766	7 7.1	0.8949
8.5	0.6867	3.176	1.3170	0 15.4	1.2762	7 3.0	0.8969
9.5	0.6895	+3.182	1.3178	0 15.4	1.2759	6 58.8	0.8987
10.5	0.6922	3.188	1.3186	0 15.3	1.2756	6 54.6	0.9004
11.5	0.6950	3.194	1.3194	0 15.3	1.2753	6 50.4	0.9020
12.5	0.6977	3.200	1.3201	0 15.3	1.2751	6 46.2	0.9035
13.5	0.7004	3.205	1.3209	0 15.3	1.2748	6 41.9	0.9048
14.5	0.7032	3.211	1.3217	0 15.3	1.2746	6 37.7	0.9060
15.5	0.7059	+3.217	1.3224	0 15.3	1.2744	6 33.5	0.9070
16.5	0.7086	3.222	1.3232	0 15.3	1.2742	6 29.2	0.9079
17.5	0.7114	3.228	1.3240	0 15.3	1.2741	6 25.0	0.9088
18.5	0.7141	3.234	1.3247	0 15.3	1.2740	6 20.7	0.9094
19.5	0.7169	3.239	1.3255	0 15.4	1.2739	6 16.5	0.9099
20.5	0.7196	3.245	1.3262	0 15.4	1.2738	6 12.2	0.9104
21.5	0.7223	+3.250	1.3270	0 15.5	1.2737	6 8.0	0.9107
22.5	0.7251	3.256	1.3277	0 15.5	1.2737	6 3.7	0.9109
23.5	0.7278	3.261	1.3285	0 15.6	1.2737	5 59.4	0.9109
24.5	0.7305	3.267	1.3292	0 15.6	1.2737	5 55.1	0.9109
25.5	0.7333	3.272	1.3299	0 15.7	1.2737	5 50.9	0.9106
26.5	0.7360	3.278	1.3307	0 15.8	1.2738	5 46.6	0.9103
27.5	0.7388	+3.283	1.3314	0 15.9	1.2739	5 42.3	0.9098
28.5	0.7415	3.289	1.3322	0 16.0	1.2740	5 38.0	0.9092
29.5	0.7442	3.295	1.3329	0 16.1	1.2741	5 33.8	0.9085
30.5	0.7470	3.300	1.3337	0 16.2	1.2743	5 29.5	0.9077
Okt. 1.5	0.7497	3.306	1.3344	0 16.3	1.2745	5 25.2	0.9067
2.5	0.7524	3.311	1.3352	0 16.4	1.2747	5 20.9	0.9056
3.5	0.7552	+3.317	1.3360	0 16.5	1.2749	5 16.7	0.9043
4.5	0.7579	3.323	1.3367	0 16.7	1.2751	5 12.4	0.9030
5.5	0.7607	3.328	1.3375	0 16.8	1.2754	5 8.1	0.9015
6.5	0.7634	3.334	1.3383	0 16.9	1.2757	5 3.9	0.8998
7.5	0.7661	3.340	1.3390	0 17.1	1.2760	4 59.6	0.8980
8.5	0.7689	3.346	1.3398	0 17.2	1.2764	4 55.4	0.8961
9.5	0.7716	+3.352	1.3406	0 17.4	1.2767	4 51.1	0.8940
10.5	0.7744	3.358	1.3414	0 17.5	1.2771	4 46.9	0.8918
11.5	0.7771	3.364	1.3422	0 17.7	1.2775	4 42.6	0.8895
12.5	0.7798	3.370	1.3430	0 17.9	1.2779	4 38.4	0.8870
13.5	0.7826	3.376	1.3438	0 18.1	1.2783	4 34.1	0.8843
14.5	0.7853	3.382	1.3446	0 18.2	1.2788	4 29.9	0.8816

Mittl. Zeit Greenwich	f'	g'	G'	Allgemeine Präzession seit 1918.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$
	s in 0.001	" in 0.01	h	"	"	" in 0.01	23° 26' "	"	" in 0.01
Sept. 3.5	+14	+10	22.2	+33.83	+17.63	+22	58.15	−1.41	+4
4.5	+9	9	20.7	33.96	17.59	+15	58.18	1.40	+7
5.5	+4	9	19.1	34.10	17.55	+6	58.19	1.40	+8
6.5	−2	8	17.4	34.24	17.51	−3	58.19	1.40	+8
7.5	−7	8	15.6	34.38	17.47	−11	58.17	1.40	+6
8.5	−11	8	13.9	34.52	17.43	−18	58.15	1.39	+4
9.5	−13	+9	12.2	+34.65	+17.39	−22	58.12	−1.39	0
10.5	−14	9	10.8	34.79	17.35	−23	58.08	1.39	−3
11.5	−12	10	9.7	34.93	17.30	−20	58.05	1.39	−6
12.5	−9	10	8.5	35.07	17.26	−15	58.03	1.40	−8
13.5	−4	9	7.2	35.20	17.22	−7	58.02	1.40	−8
14.5	+1	7	5.7	35.34	17.17	+1	58.02	1.40	−7
15.5	+5	+6	3.6	+35.48	+17.13	+8	58.05	−1.40	−4
16.5	+8	5	0.6	35.62	17.08	+13	58.08	1.41	−1
17.5	+8	6	21.9	35.75	17.03	+13	58.12	1.41	+3
18.5	+6	8	19.9	35.89	16.99	+9	58.15	1.41	+7
19.5	+1	9	18.4	36.03	16.94	+2	58.16	1.42	+9
20.5	−4	9	16.9	36.17	16.90	−6	58.15	1.43	+9
21.5	−8	+8	15.4	+36.30	+16.85	−13	58.12	−1.43	+6
22.5	−11	7	13.4	36.44	16.80	−17	58.08	1.44	+3
23.5	−10	7	10.8	36.58	16.75	−16	58.02	1.45	−2
24.5	−6	7	8.3	36.72	16.71	−10	57.97	1.46	−6
25.5	−1	9	6.2	36.85	16.66	−1	57.93	1.46	−9
26.5	+6	10	4.5	36.99	16.61	+10	57.91	1.47	−9
27.5	+12	+11	3.0	+37.13	+16.56	+19	57.92	−1.49	−8
28.5	+16	11	1.6	37.27	16.52	+26	57.94	1.50	−4
29.5	+17	11	0.1	37.41	16.47	+28	57.97	1.51	0
30.5	+15	11	22.7	37.54	16.42	+25	57.99	1.52	+3
Okt. 1.5	+11	10	21.2	37.68	16.38	+19	58.01	1.53	+6
2.5	+6	9	19.8	37.82	16.33	+10	58.01	1.55	+8
3.5	0	+8	18.1	+37.96	+16.29	+1	57.99	−1.56	+8
4.5	−5	8	16.3	38.09	16.24	−8	57.96	1.58	+7
5.5	−9	7	14.5	38.23	16.20	−15	57.92	1.59	+4
6.5	−12	8	12.7	38.37	16.16	−20	57.87	1.61	+1
7.5	−13	9	11.2	38.51	16.11	−22	57.82	1.63	−2
8.5	−12	9	9.9	38.64	16.07	−20	57.78	1.64	−5
9.5	−10	+10	8.8	+38.78	+16.03	−16	57.74	−1.66	−7
10.5	−6	9	7.6	38.92	15.99	−9	57.70	1.68	−8
11.5	−1	8	6.2	39.06	15.95	−1	57.69	1.70	−8
12.5	+4	6	4.5	39.19	15.91	+6	57.69	1.72	−5
13.5	+7	5	1.7	39.33	15.87	+11	57.70	1.74	−2
14.5	+8	5	22.5	39.47	15.84	+12	57.72	1.76	+2

Mittl. Zeit Greenwich		t	f	log g	G	log h	H	log i	i
			s		h m		h m		
Okt.	14.5	0.7853	+3.382	1.3446	0 18.2	1.2788	4 29.9	0.8816	
	15.5	0.7880	3.388	1.3455	0 18.4	1.2792	4 25.7	0.8786	
	16.5	0.7908	3.394	1.3463	0 18.6	1.2797	4 21.5	0.8756	
	17.5	0.7935	3.401	1.3471	0 18.8	1.2802	4 17.3	0.8723	
	18.5	0.7963	3.407	1.3480	0 19.0	1.2807	4 13.1	0.8689	
	19.5	0.7990	3.414	1.3488	0 19.2	1.2813	4 8.9	0.8654	
	20.5	0.8017	+3.420	1.3497	0 19.4	1.2818	4 4.7	0.8617	
	21.5	0.8045	3.427	1.3506	0 19.6	1.2824	4 0.5	0.8578	
	22.5	0.8072	3.433	1.3514	0 19.8	1.2829	3 56.4	0.8537	
	23.5	0.8099	3.440	1.3524	0 20.0	1.2835	3 52.2	0.8494	
	24.5	0.8127	3.447	1.3533	0 20.2	1.2841	3 48.1	0.8450	
	25.5	0.8154	3.454	1.3542	0 20.5	1.2847	3 43.9	0.8405	
	26.5	0.8182	+3.461	1.3551	0 20.7	1.2853	3 39.8	0.8357	
	27.5	0.8209	3.468	1.3560	0 20.9	1.2859	3 35.7	0.8307	
	28.5	0.8236	3.475	1.3570	0 21.1	1.2866	3 31.6	0.8256	
	29.5	0.8264	3.483	1.3579	0 21.3	1.2872	3 27.5	0.8202	
	30.5	0.8291	3.490	1.3589	0 21.6	1.2878	3 23.4	0.8147	
	31.5	0.8318	3.498	1.3598	0 21.8	1.2885	3 19.3	0.8089	
Nov.	1.5	0.8346	+3.505	1.3608	0 22.0	1.2891	3 15.2	0.8028	
	2.5	0.8373	3.513	1.3618	0 22.2	1.2898	3 11.2	0.7967	
	3.5	0.8401	3.521	1.3628	0 22.5	1.2904	3 7.1	0.7903	
	4.5	0.8428	3.529	1.3638	0 22.7	1.2911	3 3.1	0.7835	
	5.5	0.8455	3.537	1.3649	0 22.9	1.2918	2 59.1	0.7767	
	6.5	0.8483	3.545	1.3659	0 23.1	1.2924	2 55.0	0.7695	
	7.5	0.8510	+3.553	1.3669	0 23.4	1.2931	2 51.0	0.7621	
	8.5	0.8538	3.561	1.3680	0 23.6	1.2937	2 47.1	0.7544	
	9.5	0.8565	3.569	1.3690	0 23.8	1.2944	2 43.0	0.7464	
	10.5	0.8592	3.578	1.3701	0 24.0	1.2950	2 39.1	0.7381	
	11.5	0.8620	3.586	1.3712	0 24.2	1.2957	2 35.1	0.7297	
	12.5	0.8647	3.595	1.3723	0 24.4	1.2963	2 31.1	0.7207	
	13.5	0.8674	+3.604	1.3734	0 24.6	1.2969	2 27.2	0.7116	+5.147"
	14.5	0.8702	3.612	1.3745	0 24.8	1.2976	2 23.2	0.7021	5.036
	15.5	0.8729	3.621	1.3756	0 25.0	1.2982	2 19.3	0.6921	4.922
	16.5	0.8757	3.631	1.3768	0 25.2	1.2988	2 15.4	0.6819	4.807
	17.5	0.8784	3.640	1.3779	0 25.4	1.2994	2 11.5	0.6712	4.690
	18.5	0.8811	3.649	1.3790	0 25.6	1.3000	2 7.6	0.6602	4.573
	19.5	0.8839	+3.658	1.3802	0 25.8	1.3006	2 3.7	0.6487	+4.453
	20.5	0.8866	3.668	1.3813	0 26.0	1.3012	1 59.8	0.6367	4.332
	21.5	0.8893	3.677	1.3825	0 26.2	1.3017	1 55.9	0.6243	4.210
	22.5	0.8921	3.687	1.3837	0 26.4	1.3023	1 52.1	0.6113	4.086
	23.5	0.8948	3.696	1.3848	0 26.5	1.3028	1 48.2	0.5979	3.962
	24.5	0.8976	3.706	1.3860	0 26.7	1.3034	1 44.3	0.5838	3.835

Mittl. Zeit Greenwich	f'	g'	G'	Allgemeine Präzession seit 1918.0	Δψ	Δψ'	Wahre Schiefe	Δε	Δε'
	in 0.001 s	in 0.01 "	h	"	"	in 0.01 "	23° 26' "	"	in 0.01 "
Okt. 14.5	+ 8	+ 5	22.5	+39.47	+15.84	+12	57.72	−1.76	+ 2
15.5	+ 6	7	20.2	39.61	15.80	+ 9	57.74	1.78	+ 6
16.5	+ 2	8	18.5	39.74	15.76	+ 3	57.74	1.80	+ 8
17.5	− 3	9	17.1	39.88	15.73	− 5	57.72	1.82	+ 9
18.5	− 8	9	15.6	40.02	15.70	−13	57.68	1.85	+ 7
19.5	−11	8	14.0	40.16	15.67	−18	57.63	1.87	+ 4
20.5	−12	+ 8	11.7	+40.29	+15.64	−19	57.56	−1.89	0
21.5	− 9	7	9.3	40.43	15.61	−14	57.49	1.92	− 5
22.5	− 3	8	7.0	40.57	15.58	− 5	57.43	1.94	− 8
23.5	+ 3	9	5.1	40.71	15.55	+ 6	57.39	1.97	− 9
24.5	+10	11	3.5	40.85	15.52	+16	57.37	1.99	− 8
25.5	+15	11	2.0	40.98	15.50	+24	57.37	2.02	− 6
26.5	+17	+11	0.6	+41.12	+15.48	+28	57.38	−2.04	− 2
27.5	+17	11	23.2	41.26	15.46	+27	57.40	2.07	+ 2
28.5	+14	10	21.8	41.40	15.44	+22	57.40	2.09	+ 6
29.5	+ 9	10	20.4	41.53	15.42	+14	57.40	2.12	+ 8
30.5	+ 3	9	18.9	41.67	15.40	+ 5	57.37	2.15	+ 8
31.5	− 3	8	17.1	41.81	15.39	− 4	57.34	2.17	+ 7
Nov. 1.5	− 7	+ 7	15.1	+41.95	+15.37	−12	57.29	−2.20	+ 5
2.5	−11	8	13.3	42.08	15.36	−18	57.23	2.23	+ 2
3.5	−12	8	11.6	42.22	15.35	−20	57.17	2.26	− 1
4.5	−12	9	10.2	42.36	15.34	−20	57.11	2.28	− 4
5.5	−10	9	8.9	42.50	15.34	−16	57.05	2.31	− 7
6.5	− 6	9	7.8	42.63	15.33	−10	57.01	2.34	− 8
7.5	− 2	+ 8	6.5	+42.77	+15.33	− 2	56.98	−2.37	− 8
8.5	+ 3	7	4.9	42.91	15.32	+ 5	56.97	2.40	− 6
9.5	+ 6	5	2.6	43.05	15.32	+10	56.97	2.42	− 3
10.5	+ 8	5	23.6	43.18	15.32	+13	56.98	2.45	0
11.5	+ 7	6	20.9	43.32	15.33	+11	56.99	2.48	+ 5
12.5	+ 3	8	19.0	43.46	15.33	+ 5	56.99	2.51	+ 8
13.5	− 2	+ 9	17.4	+43.60	+15.34	− 3	56.97	−2.54	+ 9
14.5	− 7	10	16.0	43.74	15.34	−12	56.94	2.56	+ 8
15.5	−11	9	14.4	43.87	15.35	−19	56.88	2.59	+ 5
16.5	−13	8	12.5	44.01	15.36	−21	56.81	2.62	+ 1
17.5	−11	8	10.3	44.15	15.37	−18	56.74	2.65	− 3
18.5	− 7	8	8.1	44.29	15.39	−11	56.67	2.67	− 7
19.5	0	+ 9	6.0	+44.42	+15.40	+ 1	56.62	−2.70	− 9
20.5	+ 7	10	4.2	44.56	15.42	+12	56.60	2.72	− 9
21.5	+13	11	2.6	44.70	15.43	+21	56.59	2.75	− 7
22.5	+16	11	1.1	44.84	15.45	+27	56.60	2.78	− 3
23.5	+17	11	23.7	44.97	15.47	+28	56.62	2.80	+ 1
24.5	+15	11	22.3	45.11	15.50	+24	56.63	2.83	+ 5

Mittl. Zeit Greenwich	t	f	log g	G	log h	H	log i	i
		s		h m		h m		"
Nov. 24.5	0.8976	+3.706	1.3860	0 26.7	1.3034	1 44.3	0.5838	+3.835
25.5	0.9003	3.716	1.3872	0 26.8	1.3039	1 40.5	0.5690	3.707
26.5	0.9030	3.726	1.3884	0 27.0	1.3044	1 36.7	0.5538	3.579
27.5	0.9058	3.736	1.3896	0 27.1	1.3049	1 32.8	0.5378	3.450
28.5	0.9085	3.746	1.3908	0 27.3	1.3053	1 29.0	0.5209	3.318
29.5	0.9112	3.756	1.3920	0 27.4	1.3058	1 25.2	0.5032	3.186
30.5	0.9140	+3.766	1.3932	0 27.6	1.3062	1 21.4	0.4847	+3.053
Dez. 1.5	0.9167	3.777	1.3944	0 27.7	1.3066	1 17.6	0.4652	2.919
2.5	0.9195	3.787	1.3956	0 27.8	1.3071	1 13.8	0.4447	2.784
3.5	0.9222	3.797	1.3969	0 27.9	1.3074	1 10.0	0.4229	2.648
4.5	0.9249	3.808	1.3981	0 28.0	1.3078	1 6.2	0.3998	2.511
5.5	0.9277	3.818	1.3993	0 28.1	1.3082	1 2.4	0.3753	2.373
6.5	0.9304	+3.829	1.4006	0 28.2	1.3085	0 58.7	0.3493	+2.235
7.5	0.9332	3.840	1.4018	0 28.3	1.3088	0 54.9	0.3212	2.095
8.5	0.9359	3.850	1.4030	0 28.4	1.3091	0 51.1	0.2911	1.955
9.5	0.9386	3.861	1.4043	0 28.5	1.3094	0 47.4	0.2589	1.815
10.5	0.9414	3.872	1.4055	0 28.6	1.3097	0 43.6	0.2238	1.674
11.5	0.9441	3.883	1.4067	0 28.6	1.3099	0 39.9	0.1855	1.533
12.5	0.9468	+3.894	1.4079	0 28.7	1.3101	0 36.1	0.1430	+1.390
13.5	0.9496	3.905	1.4092	0 28.7	1.3103	0 32.4	0.0959	1.247
14.5	0.9523	3.916	1.4104	0 28.8	1.3105	0 28.6	0.0430	1.104
15.5	0.9551	3.927	1.4116	0 28.8	1.3106	0 24.9	9.9827	0.961
16.5	0.9578	3.938	1.4128	0 28.8	1.3108	0 21.1	9.9122	0.817
17.5	0.9605	3.949	1.4140	0 28.9	1.3109	0 17.4	9.8280	0.673
18.5	0.9633	+3.960	1.4153	0 28.9	1.3110	0 13.7	9.7235	+0.529
19.5	0.9660	3.971	1.4165	0 28.9	1.3110	0 9.9	9.5843	0.384
20.5	0.9687	3.982	1.4177	0 28.9	1.3111	0 6.2	9.3784	0.239
21.5	0.9715	3.993	1.4189	0 28.9	1.3111	0 2.4	8.9731	+0.094
22.5	0.9742	4.004	1.4201	0 28.9	1.3111	23 58.7	8.6990_n	−0.050
23.5	0.9770	4.015	1.4213	0 28.9	1.3111	23 55.0	9.2900_n	0.195
24.5	0.9797	+4.026	1.4225	0 28.9	1.3111	23 51.2	9.5315_n	−0.340
25.5	0.9824	4.037	1.4237	0 28.8	1.3110	23 47.5	9.6857_n	0.485
26.5	0.9852	4.048	1.4249	0 28.8	1.3109	23 43.7	9.7987_n	0.629
27.5	0.9879	4.059	1.4261	0 28.8	1.3108	23 40.0	9.8882_n	0.773
28.5	0.9906	4.070	1.4272	0 28.7	1.3107	23 36.2	9.9624_n	0.917
29.5	0.9934	4.081	1.4284	0 28.7	1.3105	23 32.5	0.0257_n	1.061
30.5	0.9961	+4.092	1.4295	0 28.6	1.3103	23 28.7	0.0810_n	−1.205
31.5	0.9989	4.103	1.4307	0 28.6	1.3102	23 25.0	0.1297_n	1.348
32.5	1.0016	4.114	1.4318	0 28.5	1.3100	23 21.2	0.1735_n	1.491
33.5	1.0043	4.125	1.4329	0 28.5	1.3097	23 17.5	0.2130_n	1.633
34.5	1.0071	4.136	1.4341	0 28.4	1.3095	23 13.7	0.2492_n	1.775
35.5	1.0098	4.147	1.4352	0 28.3	1.3092	23 9.9	0.2824_n	1.916

Mittl. Zeit Greenwich	f'	g'	G'	Allgemeine Präzession seit 1918.0	Δψ	Δψ'	Wahre Schiefe	Δε	Δε'
	in 0.ˢ001	in 0.″01	ʰ	″	″	in 0.″01	23° 26′	″	in 0.″01
Nov. 24.5	+15	+11	22.3	+45.11	+15.50	+24	56.63	−2.83	+ 5
25.5	+10	10	20.9	45.25	15.52	+17	56.63	2.85	+ 7
26.5	+ 5	9	19.4	45.39	15.54	+ 8	56.61	2.88	+ 8
27.5	− 1	8	17.8	45.52	15.57	− 1	56.58	2.90	+ 8
28.5	− 6	7	15.8	45.66	15.60	− 9	56.54	2.92	+ 6
29.5	−10	7	13.9	45.80	15.63	−16	56.49	2.95	+ 3
30.5	−12	+ 8	12.1	+45.94	+15.66	−19	56.43	−2.97	0
Dez. 1.5	−12	8	10.5	46.07	15.69	−19	56.38	2.99	− 3
2.5	−10	9	9.3	46.21	15.72	−16	56.33	3.01	− 6
3.5	− 7	9	8.0	46.35	15.75	−11	56.29	3.03	− 8
4.5	− 2	8	6.7	46.49	15.79	− 4	56.26	3.05	− 8
5.5	+ 2	7	5.2	46.62	15.82	+ 4	56.25	3.07	− 7
6.5	+ 6	+ 6	3.2	+46.76	+15.86	+10	56.25	−3.09	− 4
7.5	+ 8	6	0.6	46.90	15.89	+14	56.27	3.11	− 1
8.5	+ 8	6	21.9	47.04	15.93	+13	56.29	3.13	+ 3
9.5	+ 5	7	19.7	47.18	15.97	+ 8	56.31	3.15	+ 7
10.5	0	9	18.0	47.31	16.01	0	56.31	3.16	+ 9
11.5	− 5	9	16.5	47.45	16.05	− 9	56.29	3.18	+ 9
12.5	−10	+ 9	14.9	+47.59	+16.09	−17	56.26	−3.19	+ 7
13.5	−13	9	13.1	47.73	16.13	−22	56.20	3.21	+ 2
14.5	−13	9	11.1	47.86	16.17	−21	56.14	3.22	− 2
15.5	− 9	8	9.0	48.00	16.21	−15	56.09	3.24	− 6
16.5	− 3	9	6.9	48.14	16.26	− 5	56.04	3.25	− 9
17.5	+ 4	9	5.1	48.28	16.30	+ 6	56.02	3.26	− 9
18.5	+10	+10	3.3	+48.41	+16.34	+17	56.03	−3.27	− 8
19.5	+15	10	1.6	48.55	16.39	+24	56.05	3.28	− 4
20.5	+16	11	0.1	48.69	16.43	+27	56.08	3.29	0
21.5	+15	11	22.7	48.83	16.47	+25	56.11	3.30	+ 4
22.5	+12	10	21.2	48.96	16.52	+19	56.13	3.31	+ 7
23.5	+ 7	9	19.8	49.10	16.56	+11	56.13	3.32	+ 8
24.5	+ 1	+ 8	18.3	+49.24	+16.61	+ 2	56.13	−3.32	+ 8
25.5	− 4	7	16.5	49.38	16.65	− 7	56.10	3.33	+ 7
26.5	− 8	7	14.4	49.51	16.69	−14	56.07	3.34	+ 4
27.5	−11	7	12.6	49.65	16.73	−18	56.03	3.34	+ 1
28.5	−12	8	11.0	49.79	16.78	−19	55.99	3.35	− 2
29.5	−11	9	9.6	49.93	16.82	−18	55.96	3.35	− 5
30.5	− 8	+ 9	8.4	+50.06	+16.86	−13	55.94	−3.35	− 7
31.5	− 4	8	7.1	50.20	16.90	− 6	55.92	3.35	− 8
32.5	+ 1	7	5.6	50.34	16.94	+ 2	55.93	3.36	− 7
33.5	+ 5	6	3.8	50.48	16.98	+ 9	55.95	3.36	− 5
34.5	+ 8	6	1.3	50.62	17.02	+14	55.98	3.36	− 2
35.5	+ 9	6	22.8	50.75	17.06	+15	56.02	3.36	+ 2

Reduktionsgrößen 1918

für 12^h Sternzeit Greenwich

Mittlere Zeit Greenwich		t	A		A'	B		B'	C		D	
Jan.	0.722	0.0001	+0.35069	364	+388	+0.277	2	−43	− 3.261	327	+20.159	66
	1.719	0.0029	0.35433	363	+254	0.279	1	−70	3.588	327	20.093	73
	2.717	0.0056	0.35796	362	+ 79	0.280	0	−82	3.915	325	20.020	79
	3.714	0.0083	0.36158	360	−108	0.280	0	−82	4.240	324	19.941	85
	4.711	0.0110	0.36518	358	−284	0.280	1	−68	4.564	323	19.856	92
	5.708	0.0138	0.36876	357	−422	0.279	2	−43	4.887	321	19.764	97
	6.706	0.0165	+0.37233	355	−504	+0.277	2	− 7	− 5.208	319	+19.667	103
	7.703	0.0192	0.37588	353	−507	0.275	3	+28	5.527	317	19.564	110
	8.700	0.0220	0.37941	351	−429	0.272	4	+62	5.844	315	19.454	116
	9.697	0.0247	0.38292	350	−276	0.268	4	+83	6.159	314	19.338	122
	10.695	0.0274	0.38642	348	− 80	0.264	4	+90	6.473	312	19.216	128
	11.692	0.0302	0.38990	345	+129	0.260	5	+74	6.785	309	19.088	135
	12.689	0.0329	+0.39335	343	+297	+0.255	5	+43	− 7.094	308	+18.953	140
	13.687	0.0356	0.39678	340	+387	0.250	6	0	7.402	305	18.813	146
	14.684	0.0384	0.40018	338	+376	0.244	7	−46	7.707	302	18.667	152
	15.681	0.0411	0.40356	335	+271	0.237	7	−81	8.009	300	18.515	157
	16.678	0.0438	0.40691	333	+ 99	0.230	7	−96	8.309	297	18.358	163
	17.676	0.0465	0.41024	330	− 92	0.223	7	−90	8.606	294	18.195	169
	18.673	0.0493	+0.41354	327	−246	+0.216	8	−59	− 8.900	291	+18.026	175
	19.670	0.0520	0.41681	324	−325	0.208	9	−17	9.191	289	17.851	181
	20.667	0.0547	0.42005	322	−306	0.199	9	+29	9.480	286	17.670	186
	21.665	0.0575	0.42327	319	−196	0.190	9	+68	9.766	283	17.484	192
	22.662	0.0602	0.42646	316	− 22	0.181	9	+92	10.049	279	17.292	196
	23.659	0.0629	0.42962	314	+171	0.172	10	+94	10.328	275	17.096	201
	24.657	0.0657	+0.43276	310	+340	+0.162	10	+77	−10.603	273	+16.895	207
	25.654	0.0684	0.43586	307	+449	0.152	10	+45	10.876	269	16.688	213
	26.651	0.0711	0.43893	304	+477	0.142	10	+ 8	11.145	266	16.475	217
	27.648	0.0738	0.44197	301	+430	0.132	11	−31	11.411	262	16.258	223
	28.646	0.0766	0.44498	297	+312	0.121	11	−61	11.673	258	16.035	227
	29.643	0.0793	0.44795	294	+151	0.110	11	−79	11.931	254	15.808	233
	30.640	0.0820	+0.45089	291	− 37	+0.099	11	−85	−12.185	251	+15.575	237
	31.637	0.0848	0.45380	288	−219	0.088	11	−75	12.436	246	15.338	242
Febr.	1.635	0.0875	0.45668	284	−375	0.077	11	−54	12.682	243	15.096	246
	2.632	0.0902	0.45952	281	−484	0.066	12	−22	12.925	239	14.850	250
	3.629	0.0930	0.46233	278	−523	0.054	11	+14	13.164	234	14.600	256
	4.626	0.0957	0.46511	275	−485	0.043	11	+49	13.398	230	14.344	260
	5.624	0.0984	+0.46786	272	−368	+0.032	11	+78	−13.628	226	+14.084	264
	6.621	0.1012	0.47058	268	−191	0.021	11	+90	13.854	221	13.820	268
	7.618	0.1039	0.47326	265	+ 10	+0.010	11	+84	14.075	217	13.552	273
	8.616	0.1066	0.47591	262	+197	−0.001	11	+57	14.292	212	13.279	277
	9.613	0.1093	0.47853	259	+325	0.012	11	+18	14.504	208	13.002	281
	10.610	0.1121	0.48112		+362	0.023		−27	14.712		12.721	

für 12^h Sternzeit Greenwich

Mittlere Zeit Greenwich	*t*	*A*		*A'*	*B*		*B'*	*C*		*D*	
Febr. 10.610	0.1121	+0.48112	255	+362	−0.″023	10	−27	−14.″712	203	+12.″721	284
11.607	0.1148	0.48367	253	+302	0.033	11	−68	14.915	199	12.437	287
12.605	0.1175	0.48620	250	+161	0.044	10	−91	15.114	193	12.150	291
13.602	0.1203	0.48870	246	− 19	0.054	10	−94	15.307	189	11.859	296
14.599	0.1230	0.49116	243	−182	0.064	10	−73	15.496	184	11.563	299
15.596	0.1257	0.49359	240	−290	0.074	10	−36	15.680	179	11.264	302
16.594	0.1285	+0.49599	238	−302	−0.084	9	+10	−15.859	174	+10.962	305
17.591	0.1312	0.49837	234	−222	0.093	9	+53	16.033	169	10.657	308
18.588	0.1339	0.50071	232	− 68	0.102	9	+84	16.202	165	10.349	311
19.586	0.1366	0.50303	228	+126	0.111	8	+94	16.367	159	10.038	315
20.583	0.1394	0.50531	226	+307	0.119	8	+85	16.526	153	9.723	318
21.580	0.1421	0.50757	224	+440	0.127	7	+57	16.679	149	9.405	320
22.577	0.1448	+0.50981	221	+498	−0.134	7	+22	−16.828	144	+ 9.085	322
23.575	0.1476	0.51202	219	+477	0.141	7	−18	16.972	138	8.763	325
24.572	0.1503	0.51421	216	+383	0.148	6	−51	17.110	132	8.438	328
25.569	0.1530	0.51637	213	+231	0.154	6	−74	17.242	128	8.110	330
26.566	0.1558	0.51850	211	+ 50	0.160	5	−84	17.370	123	7.780	332
27.564	0.1585	0.52061	209	−136	0.165	5	−79	17.493	117	7.448	334
28.561	0.1612	+0.52270	207	−306	−0.170	4	−62	−17.610	111	+ 7.114	337
März 1.558	0.1640	0.52477	205	−435	0.174	3	−35	17.721	105	6.777	338
2.555	0.1667	0.52682	203	−505	0.177	3	0	17.826	101	6.439	340
3.553	0.1694	0.52885	201	−502	0.180	2	+36	17.927	95	6.099	342
4.550	0.1721	0.53086	200	−422	0.182	2	+67	18.022	89	5.757	343
5.547	0.1749	0.53286	198	−277	0.184	1	+86	18.111	83	5.414	344
6.545	0.1776	+0.53484	196	− 91	−0.185	1	+87	−18.194	78	+ 5.070	346
7.542	0.1803	0.53680	195	+ 98	0.186	0	+69	18.272	73	4.724	348
8.539	0.1831	0.53875	193	+243	0.186	1	+36	18.345	67	4.376	348
9.536	0.1858	0.54068	192	+316	0.185	1	− 8	18.412	62	4.028	349
10.534	0.1885	0.54260	191	+293	0.184	2	−52	18.474	56	3.679	351
11.531	0.1913	0.54451	190	+185	0.182	2	−84	18.530	50	3.328	351
12.528	0.1940	+0.54641	189	+ 21	−0.180	3	−96	−18.580	45	+ 2.977	352
13.525	0.1967	0.54830	188	−149	0.177	3	−85	18.625	39	2.625	352
14.523	0.1994	0.55018	188	−275	0.174	4	−52	18.664	33	2.273	353
15.520	0.2022	0.55206	187	−319	0.170	5	−10	18.697	27	1.920	354
16.517	0.2049	0.55393	186	−267	0.165	6	+37	18.724	22	1.566	353
17.515	0.2076	0.55579	186	−129	0.159	6	+74	18.746	16	1.213	354
18.512	0.2104	+0.55765	185	+ 61	−0.153	7	+94	−18.762	11	+ 0.859	354
19.509	0.2131	0.55950	185	+260	0.146	8	+92	18.773	6	0.505	354
20.506	0.2158	0.56135	185	+420	0.138	8	+71	18.779	0	+ 0.151	354
21.504	0.2186	0.56320	185	+510	0.130	9	+37	18.779	6	− 0.203	353
22.501	0.2213	0.56505	186	+519	0.121	10	− 1	18.773	12	0.556	353
23.498	0.2240	0.56691		+450	0.111		−38	18.761		0.909	

Reduktionsgrößen 1918

für 12^h Sternzeit Greenwich

Mittlere Zeit Greenwich	t	A		A'	B		B'	C		D	
März 23.498	0.2240	+0.56691	185	+450	−0.111	10	−38	−18.761	17	− 0.909	353
24.495	0.2268	0.56876	186	+314	0.101	11	−66	18.744	23	1.262	352
25.493	0.2295	0.57062	186	+142	0.090	11	−82	18.721	29	1.614	351
26.490	0.2322	0.57248	187	− 45	0.079	12	−83	18.692	34	1.965	351
27.487	0.2349	0.57435	187	−224	0.067	13	−71	18.658	39	2.316	350
28.484	0.2377	0.57622	188	−368	0.054	14	−47	18.619	44	2.666	348
29.482	0.2404	+0.57810	189	−460	−0.040	14	−13	−18.575	51	− 3.014	348
30.479	0.2431	0.57999	190	−486	0.026	14	+22	18.524	56	3.362	346
31.476	0.2459	0.58189	192	−441	−0.012	15	+54	18.468	61	3.708	346
April 1.474	0.2486	0.58381	192	−323	+0.003	16	+79	18.407	66	4.054	344
2.471	0.2513	0.58573	193	−158	0.019	17	+87	18.341	72	4.398	342
3.468	0.2541	0.58766	194	+ 24	0.036	17	+77	18.269	77	4.740	340
4.465	0.2568	+0.58960	196	+183	+0.053	18	+50	−18.192	83	− 5.080	339
5.463	0.2595	0.59156	197	+275	0.071	18	+ 8	18.109	88	5.419	337
6.460	0.2622	0.59353	199	+285	0.089	19	−36	18.021	93	5.756	335
7.457	0.2650	0.59552	200	+201	0.108	19	−72	17.928	98	6.091	333
8.454	0.2677	0.59752	202	+ 51	0.127	20	−94	17.830	103	6.424	332
9.452	0.2704	0.59954	204	−124	0.147	20	−92	17.727	108	6.756	329
10.449	0.2732	+0.60158	206	−272	+0.167	21	−67	−17.619	114	− 7.085	327
11.446	0.2759	0.60364	207	−349	0.188	22	−27	17.505	118	7.412	324
12.444	0.2786	0.60571	209	−332	0.210	22	+20	17.387	123	7.736	322
13.441	0.2814	0.60780	212	−217	0.232	22	+62	17.264	129	8.058	320
14.438	0.2841	0.60992	214	− 32	0.254	22	+88	17.135	134	8.378	317
15.435	0.2868	0.61206	216	+177	0.276	23	+95	17.001	138	8.695	314
16.433	0.2896	+0.61422	218	+365	+0.299	23	+82	−16.863	143	− 9.009	311
17.430	0.2923	0.61640	220	+493	0.322	24	+52	16.720	148	9.320	309
18.427	0.2950	0.61860	223	+539	0.346	24	+14	16.572	153	9.629	306
19.424	0.2977	0.62083	225	+500	0.370	25	−25	16.419	157	9.935	303
20.422	0.3005	0.62308	228	+389	0.395	25	−57	16.262	162	10.238	299
21.419	0.3032	0.62536	231	+229	0.420	25	−76	16.100	166	10.537	296
22.416	0.3059	+0.62767	233	+ 45	+0.445	25	−84	−15.934	170	−10.833	293
23.414	0.3087	0.63000	236	−140	0.470	25	−76	15.764	176	11.126	290
24.411	0.3114	0.63236	238	−297	0.495	26	−55	15.588	180	11.416	286
25.408	0.3141	0.63474	240	−408	0.521	26	−26	15.408	183	11.702	283
26.405	0.3169	0.63714	243	−459	0.547	26	+ 9	15.225	188	11.985	279
27.403	0.3196	0.63957	245	−439	0.573	26	+43	15.037	193	12.264	275
28.400	0.3223	+0.64202	249	−349	+0.599	26	+70	−14.844	197	−12.539	272
29.397	0.3250	0.64451	252	−199	0.625	27	+85	14.647	201	12.811	268
30.394	0.3278	0.64703	254	− 24	0.652	27	+82	14.446	204	13.079	264
Mai 1.392	0.3305	0.64957	257	+144	0.679	27	+63	14.242	209	13.343	260
2.389	0.3332	0.65214	259	+260	0.706	27	+27	14.033	212	13.603	256
3.386	0.3360	0.65473		+298	0.733		−17	13.821		13.859	

für 12^h Sternzeit Greenwich

Mittlere Zeit Greenwich		t	A		A'	B		B'	C		D	
Mai	3.386	0.3360	+0.65473	262	+298	+0.733	27	−17	−13.821	217	−13.859	252
	4.383	0.3387	0.65735	266	+241	0.760	27	−58	13.604	220	14.111	248
	5.381	0.3414	0.66001	268	+107	0.787	27	−87	13.384	224	14.359	244
	6.378	0.3442	0.66269	271	− 73	0.814	27	−94	13.160	227	14.603	240
	7.375	0.3469	0.66540	273	−245	0.841	26	−79	12.933	231	14.843	235
	8.373	0.3496	0.66813	276	−363	0.867	27	−46	12.702	235	15.078	230
	9.370	0.3524	+0.67089	278	−387	+0.894	27	+ 1	−12.467	238	−15.308	227
	10.367	0.3551	0.67367	282	−307	0.921	27	+45	12.229	241	15.535	222
	11.364	0.3578	0.67649	284	−148	0.948	26	+79	11.988	245	15.757	217
	12.362	0.3605	0.67933	287	+ 61	0.974	27	+94	11.743	247	15.974	212
	13.359	0.3633	0.68220	289	+273	1.001	26	+89	11.496	251	16.186	208
	14.356	0.3660	0.68509	292	+436	1.027	26	+65	11.245	254	16.394	204
	15.353	0.3687	+0.68801	295	+526	+1.053	26	+29	−10.991	257	−16.598	199
	16.351	0.3715	0.69096	297	+525	1.079	26	−11	10.734	260	16.797	193
	17.348	0.3742	0.69393	300	+445	1.105	25	−46	10.474	263	16.990	189
	18.345	0.3769	0.69693	302	+299	1.130	25	−71	10.211	265	17.179	184
	19.343	0.3797	0.69995	305	+122	1.155	24	−82	9.946	268	17.363	180
	20.340	0.3824	0.70300	307	− 63	1.179	24	−80	9.678	271	17.543	174
	21.337	0.3851	+0.70607	309	−234	+1.203	24	−64	− 9.407	274	−17.717	169
	22.334	0.3878	0.70916	312	−363	1.227	24	−37	9.133	276	17.886	164
	23.332	0.3906	0.71228	314	−435	1.251	24	− 5	8.857	278	18.050	159
	24.329	0.3933	0.71542	316	−439	1.275	23	+30	8.579	280	18.209	153
	25.326	0.3960	0.71858	318	−369	1.298	23	+60	8.299	282	18.362	149
	26.323	0.3988	0.72176	320	−243	1.321	22	+80	8.017	285	18.511	143
	27.321	0.4015	+0.72496	322	− 72	+1.343	22	+87	− 7.732	287	−18.654	138
	28.318	0.4042	0.72818	324	+105	1.365	22	+72	7.445	288	18.792	133
	29.315	0.4070	0.73142	326	+248	1.387	21	+44	7.157	291	18.925	128
	30.312	0.4097	0.73468	328	+319	1.408	21	+ 1	6.866	293	19.053	122
	31.310	0.4124	0.73796	329	+298	1.429	20	−42	6.573	294	19.175	117
Juni	1.307	0.4152	0.74125	332	+189	1.449	20	−75	6.279	296	19.292	111
	2.304	0.4179	+0.74457	333	+ 17	+1.469	19	−93	− 5.983	298	−19.403	106
	3.302	0.4206	0.74790	334	−173	1.488	19	−88	5.685	299	19.509	101
	4.299	0.4233	0.75124	336	−326	1.507	18	−60	5.386	300	19.610	95
	5.296	0.4261	0.75460	337	−402	1.525	18	−20	5.086	302	19.705	89
	6.293	0.4288	0.75797	338	−374	1.543	17	+27	4.784	303	19.794	85
	7.291	0.4315	0.76135	339	−247	1.560	17	+67	4.481	304	19.879	79
	8.288	0.4343	+0.76474	341	− 53	+1.577	16	+90	− 4.177	305	−19.958	73
	9.285	0.4370	0.76815	342	+164	1.593	16	+93	3.872	307	20.031	67
	10.282	0.4397	0.77157	343	+354	1.609	15	+76	3.565	307	20.098	62
	11.280	0.4425	0.77500	344	+479	1.624	15	+44	3.258	308	20.160	56
	12.277	0.4452	0.77844	344	+518	1.639	14	+ 4	2.950	308	20.216	50
	13.274	0.4479	0.78188		+472	1.653		−35	2.642		20.266	

für 12^h Sternzeit Greenwich

Mittlere Zeit Greenwich		t	A		A'	B		B'	C		D	
Juni	13.274	0.4479	+0.78188	345	+472	+1″.653	13	−35	−2″.642	310	−20″.266	46
	14.272	0.4506	0.78533	346	+351	1.666	13	−63	2.332	310	20.312	40
	15.269	0.4534	0.78879	346	+186	1.679	12	−80	2.022	310	20.352	34
	16.266	0.4561	0.79225	347	0	1.691	12	−83	1.712	311	20.386	28
	17.263	0.4588	0.79572	347	−176	1.703	11	−72	1.401	312	20.414	22
	18.261	0.4616	0.79919	347	−320	1.714	10	−49	1.089	311	20.436	17
	19.258	0.4643	+0.80266	347	−417	+1.724	10	−17	−0.778	312	−20.453	11
	20.255	0.4670	0.80613	348	−446	1.734	9	+16	0.466	312	20.464	5
	21.252	0.4698	0.80961	348	−406	1.743	9	+50	−0.154	312	20.469	0
	22.250	0.4725	0.81309	347	−298	1.752	8	+74	+0.158	311	20.469	5
	23.247	0.4752	0.81656	348	−140	1.760	8	+86	0.469	312	20.464	11
	24.244	0.4780	0.82004	347	+ 43	1.768	7	+80	0.781	311	20.453	17
	25.241	0.4807	+0.82351	347	+206	+1.775	6	+57	+1.092	311	−20.436	23
	26.239	0.4834	0.82698	346	+314	1.781	6	+19	1.403	311	20.413	29
	27.236	0.4861	0.83044	346	+341	1.787	5	−24	1.714	310	20.384	33
	28.233	0.4889	0.83390	345	+270	1.792	5	−63	2.024	310	20.351	39
	29.231	0.4916	0.83735	344	+123	1.797	4	−88	2.334	309	20.312	45
	30.228	0.4943	0.84079	344	− 66	1.801	3	−93	2.643	308	20.267	51
Juli	1.225	0.4971	+0.84423	343	−246	+1.804	3	−74	+2.951	307	−20.216	56
	2.222	0.4998	0.84766	342	−361	1.807	2	−38	3.258	307	20.160	62
	3.220	0.5025	0.85108	341	−383	1.809	2	+ 8	3.565	305	20.098	67
	4.217	0.5053	0.85449	340	−302	1.811	1	+52	3.870	305	20.031	73
	5.214	0.5080	0.85789	339	−139	1.812	1	+82	4.175	303	19.958	78
	6.211	0.5107	0.86128	337	+ 70	1.813	0	+94	4.478	302	19.880	84
	7.209	0.5134	+0.86465	336	+270	+1.813	0	+84	+4.780	301	−19.796	90
	8.206	0.5162	0.86801	334	+422	1.813	1	+56	5.081	299	19.706	94
	9.203	0.5189	0.87135	333	+497	1.812	2	+19	5.380	298	19.612	100
	10.201	0.5216	0.87468	332	+485	1.810	3	−21	5.678	296	19.512	106
	11.198	0.5244	0.87800	330	+391	1.807	3	−53	5.974	294	19.406	111
	12.195	0.5271	0.88130	329	+242	1.804	3	−76	6.268	293	19.295	116
	13.192	0.5298	+0.88459	326	+ 62	+1.801	3	−84	+6.561	292	−19.179	121
	14.190	0.5326	0.88785	325	−120	1.798	3	−76	6.853	289	19.058	126
	15.187	0.5353	0.89110	323	−280	1.795	4	−56	7.142	287	18.932	132
	16.184	0.5380	0.89433	321	−396	1.791	5	−29	7.429	286	18.800	137
	17.181	0.5408	0.89754	319	−454	1.786	5	+ 4	7.715	283	18.663	142
	18.179	0.5435	0.90073	317	−441	1.781	6	+38	7.998	281	18.521	148
	19.176	0.5462	+0.90390	314	−363	+1.775	6	+66	+8.279	279	−18.373	153
	20.173	0.5489	0.90704	312	−222	1.769	7	+83	8.558	276	18.220	157
	21.170	0.5517	0.91016	310	− 48	1.762	6	+83	8.834	274	18.063	162
	22.168	0.5544	0.91326	308	+130	1.756	7	+68	9.108	272	17.901	167
	23.165	0.5571	0.91634	306	+267	1.749	7	+35	9.380	269	17.734	173
	24.162	0.5599	0.91940		+337	1.742		− 6	9.649		17.561	

für 12^h Sternzeit Greenwich

Mittlere Zeit Greenwich		*t*	*A*		*A'*	*B*		*B'*	*C*		*D*	
Juli	24.162	0.5599	+0.91940	303	+337	+1.742″	7	− 6	+ 9.649″	267	−17.561″	177
	25.160	0.5626	0.92243	301	+312	1.735	8	−48	9.916	264	17.384	182
	26.157	0.5653	0.92544	298	+201	1.727	8	−79	10.180	261	17.202	187
	27.154	0.5681	0.92842	295	+ 33	1.719	8	−93	10.441	258	17.015	192
	28.151	0.5708	0.93137	293	−149	1.711	9	−83	10.699	255	16.823	196
	29.149	0.5735	0.93430	290	−293	1.702	8	−54	10.954	252	16.627	201
	30.146	0.5762	+0.93720	288	−354	+1.694	9	−11	+11.206	250	−16.426	206
	31.143	0.5790	0.94008	286	−318	1.685	9	+35	11.456	246	16.220	210
Aug.	1.140	0.5817	0.94294	283	−188	1.676	9	+72	11.702	243	16.010	215
	2.138	0.5844	0.94577	280	+ 2	1.667	9	+91	11.945	240	15.795	219
	3.135	0.5872	0.94857	278	+207	1.658	10	+91	12.185	237	15.576	223
	4.132	0.5899	0.95135	274	+378	1.648	9	+68	12.422	233	15.353	228
	5.130	0.5926	+0.95409	272	+481	+1.639	10	+34	+12.655	229	−15.125	232
	6.127	0.5954	0.95681	268	+499	1.629	9	− 6	12.884	226	14.893	237
	7.124	0.5981	0.95949	266	+434	1.620	10	−41	13.110	223	14.656	241
	8.121	0.6008	0.96215	263	+300	1.610	10	−70	13.333	219	14.415	244
	9.119	0.6036	0.96478	261	+130	1.600	10	−83	13.552	215	14.171	248
	10.116	0.6063	0.96739	258	− 55	1.590	10	−81	13.767	211	13.923	253
	11.113	0.6090	+0.96997	255	−226	+1.580	9	−66	+13.978	207	−13.670	257
	12.110	0.6117	0.97252	252	−359	1.571	10	−41	14.185	204	13.413	260
	13.108	0.6145	0.97504	249	−441	1.561	10	− 9	14.389	200	13.153	264
	14.105	0.6172	0.97753	247	−460	1.551	10	+25	14.589	196	12.889	267
	15.102	0.6199	0.98000	244	−414	1.541	9	+55	14.785	191	12.622	271
	16.100	0.6227	0.98244	241	−302	1.532	9	+78	14.976	188	12.351	275
	17.097	0.6254	+0.98485	239	−144	+1.523	9	+85	+15.164	183	−12.076	279
	18.094	0.6281	0.98724	236	+ 31	1.514	9	+75	15.347	179	11.797	282
	19.091	0.6309	0.98960	234	+186	1.505	9	+49	15.526	175	11.515	285
	20.089	0.6336	0.99194	231	+285	1.496	9	+11	15.701	171	11.230	288
	21.086	0.6363	0.99425	228	+302	1.487	8	−31	15.872	166	10.942	292
	22.083	0.6390	0.99653	226	+234	1.479	8	−67	16.038	161	10.650	295
	23.080	0.6418	+0.99879	224	+ 93	+1.471	7	−89	+16.199	157	−10.355	298
	24.078	0.6445	1.00103	221	− 79	1.464	7	−88	16.356	153	10.057	301
	25.075	0.6472	1.00324	219	−233	1.457	7	−68	16.509	148	9.756	303
	26.072	0.6500	1.00543	216	−325	1.450	7	−29	16.657	144	9.453	307
	27.069	0.6527	1.00759	213	−322	1.443	7	+16	16.801	139	9.146	309
	28.067	0.6554	1.00972	212	−223	1.436	6	+58	16.940	133	8.837	312
	29.064	0.6582	+1.01184	209	− 53	+1.430	6	+86	+17.073	129	− 8.525	315
	30.061	0.6609	1.01393	207	+155	1.424	5	+94	17.202	125	8.210	317
	31.059	0.6636	1.01600	205	+342	1.419	5	+79	17.327	119	7.893	319
Sept.	1.056	0.6664	1.01805	203	+475	1.414	4	+50	17.446	114	7.574	321
	2.053	0.6691	1.02008	202	+523	1.410	4	+11	17.560	110	7.253	324
	3.050	0.6718	1.02210		+485	1.406		−29	17.670		6.929	

Reduktionsgrößen 1918

für 12h Sternzeit Greenwich

Mittlere Zeit Greenwich	t	A		A'	B		B'	C		D	
Sept. 3.050	0.6718	+1.02210	199	+485	+1″.406	3	−29	+17″.670	105	−6″.929	325
4.048	0.6745	1.02409	198	+372	1.403	2	−60	17.775	100	6.604	328
5.045	0.6773	1.02607	196	+209	1.401	2	−79	17.875	95	6.276	330
6.042	0.6800	1.02803	194	+ 25	1.399	2	−83	17.970	89	5.946	332
7.039	0.6827	1.02997	193	−154	1.397	1	−72	18.059	85	5.614	333
8.037	0.6855	1.03190	191	−302	1.396	1	−51	18.144	79	5.281	335
9.034	0.6882	+1.03381	190	−407	+1.395	1	−22	+18.223	74	−4.946	337
10.031	0.6909	1.03571	189	−452	1.394	0	+11	18.297	69	4.609	339
11.029	0.6937	1.03760	187	−435	1.394	1	+43	18.366	64	4.270	340
12.026	0.6964	1.03947	185	−354	1.395	2	+68	18.430	58	3.930	341
13.023	0.6991	1.04132	184	−220	1.397	2	+82	18.488	53	3.589	342
14.020	0.7018	1.04316	184	− 56	1.399	2	+79	18.541	48	3.247	343
15.018	0.7046	+1.04500	183	+101	+1.401	3	+60	+18.589	43	−2.904	344
16.015	0.7073	1.04683	183	+219	1.404	4	+27	18.632	38	2.560	346
17.012	0.7100	1.04866	182	+267	1.408	4	−14	18.670	31	2.214	346
18.009	0.7128	1.05048	181	+232	1.412	5	−55	18.701	26	1.868	346
19.007	0.7155	1.05229	181	+117	1.417	5	−82	18.727	21	1.522	348
20.004	0.7182	1.05410	180	− 42	1.422	6	−92	18.748	16	1.174	348
21.001	0.7210	+1.05590	180	−203	+1.428	7	−79	+18.764	10	−0.826	348
21.998	0.7237	1.05770	179	−316	1.435	8	−46	18.774	5 / 1	0.478	349
22.996	0.7264	1.05949	180	−345	1.443	8	− 2	18.779		−0.129	349
23.993	0.7292	1.06129	179	−276	1.451	9	+43	18.778	6	+0.220	349
24.990	0.7319	1.06308	179	−120	1.460	10	+77	18.772	12	0.569	349
25.988	0.7346	1.06487	180	+ 86	1.470	10	+93	18.760	17	0.918	349
26.985	0.7373	+1.06667	180	+293	+1.480	10	+88	+18.743	22	+1.267	349
27.982	0.7401	1.06847	181	+455	1.490	11	+64	18.721	28	1.616	349
28.979	0.7428	1.07028	181	+542	1.501	12	+27	18.693	34	1.965	348
29.977	0.7455	1.07209	182	+536	1.513	13	−13	18.659	39	2.313	348
30.974	0.7483	1.07391	182	+449	1.526	14	−48	18.620	44	2.661	347
Okt. 1.971	0.7510	1.07573	183	+299	1.540	14	−73	18.576	50	3.008	347
2.968	0.7537	+1.07756	184	+116	+1.554	15	−83	+18.526	56	+3.355	345
3.966	0.7565	1.07940	185	− 68	1.569	15	−77	18.470	61	3.700	345
4.963	0.7592	1.08125	187	−231	1.584	15	−60	18.409	67	4.045	344
5.960	0.7619	1.08312	188	−353	1.599	16	−33	18.342	72	4.389	343
6.958	0.7646	1.08500	189	−422	1.615	17	0	18.270	77	4.732	342
7.955	0.7674	1.08689	190	−427	1.632	18	+32	18.193	82	5.074	340
8.952	0.7701	+1.08879	192	−371	+1.650	18	+59	+18.111	88	+5.414	339
9.949	0.7728	1.09071	194	−260	1.668	19	+78	18.023	94	5.753	337
10.947	0.7756	1.09265	195	−114	1.687	19	+81	17.929	99	6.090	335
11.944	0.7783	1.09460	196	+ 43	1.706	20	+70	17.830	104	6.425	334
12.941	0.7810	1.09656	199	+168	1.726	21	+41	17.726	110	6.759	332
13.938	0.7838	1.09855		+240	1.747		+ 2	17.616		7.091	

für 12ʰ Sternzeit Greenwich

Mittlere Zeit Greenwich		*t*	*A*		*A'*	*B*		*B'*	*C*		*D*	
Okt.	13.938	0.7838	+1.09855	200	+240	+1.″747	21	+ 2	+17.″616	115	+ 7.″091	331
	14.936	0.7865	1.10055	202	+228	1.768	21	−38	17.501	120	7.422	328
	15.933	0.7892	1.10257	205	+139	1.789	22	−70	17.381	125	7.750	326
	16.930	0.7920	1.10462	207	− 13	1.811	22	−89	17.256	131	8.076	324
	17.927	0.7947	1.10669	209	−181	1.833	23	−85	17.125	136	8.400	322
	18.925	0.7974	1.10878	211	−320	1.856	23	−62	16.989	141	8.722	319
	19.922	0.8001	+1.11089	213	−382	+1.879	23	−21	+16.848	146	+ 9.041	316
	20.919	0.8029	1.11302	216	−348	1.902	24	+24	16.702	151	9.357	314
	21.917	0.8056	1.11518	219	−217	1.926	25	+65	16.551	156	9.671	311
	22.914	0.8083	1.11737	222	− 18	1.951	25	+89	16.395	161	9.982	309
	23.911	0.8111	1.11959	224	+204	1.976	25	+93	16.234	166	10.291	305
	24.908	0.8138	1.12183	227	+399	2.001	25	+75	16.068	172	10.596	303
	25.906	0.8165	+1.12410	230	+527	+2.026	26	+43	+15.896	176	+10.899	299
	26.903	0.8193	1.12640	232	+567	2.052	26	+ 2	15.720	180	11.198	295
	27.900	0.8220	1.12872	235	+512	2.078	27	−36	15.540	186	11.493	293
	28.897	0.8247	1.13107	238	+382	2.105	26	−67	15.354	190	11.786	290
	29.895	0.8274	1.13345	241	+211	2.131	27	−81	15.164	196	12.076	286
	30.892	0.8302	1.13586	245	+ 22	2.158	27	−82	14.968	200	12.362	283
	31.889	0.8329	+1.13831	247	−152	+2.185	28	−68	+14.768	204	+12.645	278
Nov.	1.887	0.8356	1.14078	250	−290	2.213	27	−45	14.564	209	12.923	274
	2.884	0.8384	1.14328	253	−378	2.240	28	−12	14.355	214	13.197	271
	3.881	0.8411	1.14581	256	−407	2.268	27	+21	14.141	217	13.468	268
	4.878	0.8438	1.14837	260	−372	2.295	28	+50	13.924	222	13.736	263
	5.876	0.8466	1.15097	263	−282	2.323	28	+72	13.702	226	13.999	259
	6.873	0.8493	+1.15360	266	−148	+2.351	28	+82	+13.476	231	+14.258	254
	7.870	0.8520	1.15626	269	+ 3	2.379	28	+76	13.245	235	14.512	250
	8.867	0.8548	1.15895	272	+143	2.407	28	+54	13.010	239	14.762	246
	9.865	0.8575	1.16167	276	+232	2.435	28	+19	12.771	243	15.008	242
	10.862	0.8602	1.16443	279	+246	2.463	28	−21	12.528	247	15.250	236
	11.859	0.8629	1.16722	282	+179	2.491	28	−59	12.281	250	15.486	232
	12.856	0.8657	+1.17004	285	+ 41	+2.519	27	−84	+12.031	255	+15.718	227
	13.854	0.8684	1.17289	289	−134	2.546	27	−89	11.776	258	15.945	223
	14.851	0.8711	1.17578	291	−297	2.573	27	−74	11.518	262	16.168	218
	15.848	0.8739	1.17869	294	−402	2.600	27	−40	11.256	266	16.386	212
	16.846	0.8766	1.18163	297	−412	2.627	27	+ 7	10.990	269	16.598	208
	17.843	0.8793	1.18460	300	−321	2.654	27	+48	10.721	272	16.806	203
	18.840	0.8821	+1.18760	304	−142	+2.681	26	+79	+10.449	276	+17.009	198
	19.837	0.8848	1.19064	307	+ 83	2.707	26	+93	10.173	279	17.207	192
	20.835	0.8875	1.19371	309	+300	2.733	26	+83	9.894	282	17.399	187
	21.832	0.8902	1.19680	312	+470	2.759	25	+57	9.612	286	17.586	182
	22.829	0.8930	1.19992	315	+552	2.784	25	+17	9.326	288	17.768	176
	23.826	0.8957	1.20307		+541	2.809		−23	9.038		17.944	

Reduktionsgrößen 1918

für 12^h Sternzeit Greenwich

Mittlere Zeit Greenwich	t	A		A'	B		B'	C		D	
Nov. 23.826	0.8957	+1.20307	318	+541	+2″.809	25	−23	+9″.038	291	+17″.944	170
24.824	0.8984	1.20625	320	+445	2.834	24	−56	8.747	294	18.114	165
25.821	0.9012	1.20945	323	+289	2.858	24	−77	8.453	297	18.279	160
26.818	0.9039	1.21268	325	+104	2.882	23	−83	8.156	300	18.439	153
27.816	0.9066	1.21593	328	− 76	2.905	24	−73	7.856	302	18.592	148
28.813	0.9094	1.21921	331	−231	2.929	23	−53	7.554	304	18.740	143
29.810	0.9121	+1.22252	333	−336	+2.952	22	−24	+7.250	306	+18.883	137
30.807	0.9148	1.22585	334	−387	2.974	22	+ 7	6.944	309	19.020	130
Dez. 1.805	0.9176	1.22919	336	−373	2.996	22	+40	6.635	311	19.150	125
2.802	0.9203	1.23255	339	−302	3.018	21	+64	6.324	314	19.275	119
3.799	0.9230	1.23594	341	−181	3.039	20	+80	6.010	315	19.394	112
4.796	0.9257	1.23935	343	− 32	3.059	19	+80	5.695	317	19.506	107
5.794	0.9285	+1.24278	345	+116	+3.078	19	+64	+5.378	319	+19.613	100
6.791	0.9312	1.24623	346	+228	3.097	18	+35	5.059	321	19.713	95
7.788	0.9339	1.24969	348	+275	3.115	17	− 4	4.738	322	19.808	88
8.786	0.9367	1.25317	350	+239	3.132	17	−44	4.416	323	19.896	82
9.783	0.9394	1.25667	351	+124	3.149	17	−74	4.093	325	19.978	76
10.780	0.9421	1.26018	353	− 48	3.166	16	−90	3.768	326	20.054	69
11.777	0.9449	+1.26371	354	−229	+3.182	15	−82	+3.442	327	+20.123	64
12.775	0.9476	1.26725	354	−371	3.197	15	−56	3.115	329	20.187	57
13.772	0.9503	1.27079	355	−432	3.212	14	−13	2.786	329	20.244	50
14.769	0.9530	1.27434	356	−391	3.226	13	+31	2.457	330	20.294	45
15.766	0.9558	1.27790	358	−252	3.239	13	+68	2.127	331	20.339	38
16.764	0.9585	1.28148	358	− 43	3.252	12	+90	1.796	331	20.377	31
17.761	0.9612	+1.28506	359	+182	+3.264	11	+90	+1.465	332	+20.408	25
18.758	0.9640	1.28865	359	+378	3.275	11	+68	1.133	333	20.433	18
19.755	0.9667	1.29224	359	+501	3.286	10	+34	0.800	332	20.451	12
20.753	0.9694	1.29583	359	+535	3.296	9	− 7	0.468	333	20.463	6
21.750	0.9722	1.29942	360	+475	3.305	8	−44	+0.135	333	20.469	0
22.747	0.9749	1.30302	359	+345	3.313	8	−72	−0.198	333	20.469	7
23.745	0.9776	+1.30661	359	+170	+3.321	7	−82	−0.531	333	+20.462	14
24.742	0.9804	1.31020	359	− 12	3.328	6	−79	0.864	333	20.448	19
25.739	0.9831	1.31379	359	−178	3.334	5	−62	1.197	332	20.429	26
26.736	0.9858	1.31738	358	−300	3.339	5	−36	1.529	332	20.403	33
27.734	0.9885	1.32096	357	−371	3.344	4	− 4	1.861	331	20.370	40
28.731	0.9913	1.32453	357	−381	3.348	3	+27	2.192	330	20.330	46
29.728	0.9940	+1.32810	356	−330	+3.351	3	+54	−2.522	330	+20.284	52
30.725	0.9967	1.33166	355	−225	3.354	2	+74	2.852	329	20.232	58
31.723	0.9995	1.33521	354	− 85	3.356	1	+81	3.181	328	20.174	65
32.720	1.0022	1.33875	352	+ 70	3.357	1	+72	3.509	327	20.109	71
33.717	1.0049	1.34227	352	+204	3.358	0	+48	3.836	325	20.038	77
34.715	1.0077	1.34579		+285	3.358		+12	4.161		19.961	

Mittlere Zeit Greenwich	Rechtwinklige Sonnenkoordinaten, bezogen auf das Äquinoktium 1925.0			Reduktion von dem mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium		
	X	*Y*	*Z*	*f*	log *g*	*G*
1918				s		h m s
Jan. −1.5	+0.134024	−0.893645	−0.387642	−20.453	2.12532	11 59 32
+2.5	0.202920	0.882628	0.382865	20.409	2.12436	11 59 31
6.5	0.270827	0.867224	0.376182	20.365	2.12341	11 59 31
10.5	0.337405	0.847493	0.367621	20.321	2.12248	11 59 32
14.5	0.402307	0.823521	0.357220	20.279	2.12157	11 59 35
18.5	+0.465187	−0.795440	−0.345038	−20.238	2.12069	11 59 37
22.5	0.525732	0.763413	0.331147	20.198	2.11983	11 59 41
26.5	0.583660	0.727620	0.315623	20.159	2.11900	11 59 45
30.5	0.638709	0.688238	0.298542	20.122	2.11821	11 59 49
Febr. 3.5	0.690619	0.645454	0.279982	20.087	2.11745	11 59 54
7.5	+0.739136	−0.599468	−0.260032	−20.053	2.11672	11 59 59
11.5	0.784008	0.550504	0.238790	20.021	2.11602	12 0 3
15.5	0.825001	0.498820	0.216371	19.991	2.11535	12 0 8
19.5	0.861923	0.444698	0.192897	19.962	2.11472	12 0 11
23.5	0.894623	0.388423	0.168488	19.934	2.11412	12 0 15
27.5	+0.922973	−0.330267	−0.143262	−19.907	2.11354	12 0 17
März 3.5	0.946852	0.270503	0.117337	19.882	2.11299	12 0 19
7.5	0.966152	0.209411	0.090835	19.857	2.11245	12 0 20
11.5	0.980772	0.147282	0.063883	19.833	2.11193	12 0 19
15.5	0.990638	0.084433	0.036621	19.810	2.11143	12 0 18
19.5	+0.995722	−0.021193	−0.009192	−19.787	2.11092	12 0 15
23.5	0.996038	+0.042127	+0.018272	19.765	2.11042	12 0 12
27.5	0.991616	0.105233	0.045646	19.742	2.10992	12 0 7
31.5	0.982498	0.167841	0.072805	19.718	2.10941	12 0 1
April 4.5	0.968734	0.229672	0.099628	19.695	2.10888	11 59 54
8.5	+0.950383	+0.290440	+0.125989	−19.670	2.10834	11 59 46
12.5	0.927530	0.349846	0.151756	19.645	2.10778	11 59 37
16.5	0.900306	0.407594	0.176803	19.619	2.10720	11 59 28
20.5	0.868877	0.463414	0.201014	19.591	2.10660	11 59 17
24.5	0.833417	0.517063	0.224286	19.563	2.10597	11 59 6
28.5	+0.794104	+0.568315	+0.246519	−19.533	2.10531	11 58 55
Mai 2.5	0.751121	0.616954	0.267621	19.502	2.10462	11 58 43
6.5	0.704656	0.662765	0.287493	19.469	2.10390	11 58 31
10.5	0.654920	0.705526	0.306040	19.435	2.10314	11 58 20
14.5	0.602160	0.745028	0.323172	19.400	2.10235	11 58 8

Mittlere Zeit Greenwich	Rechtwinklige Sonnenkoordinaten, bezogen auf das Äquinoktium 1925.0			Reduktion von dem mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium		
	X	*Y*	*Z*	*f*	log *g*	*G*
1918						
Mai 14.5	+0.602160	+0.745028	+0.323172	$-19\overset{s}{.}400$	2.10235	$11^h\,58^m\,8^s$
18.5	0.546650	0.781096	0.338815	19.364	2.10154	11 57 57
22.5	0.488664	0.813587	0.352909	19.326	2.10069	11 57 46
26.5	0.428470	0.842378	0.365401	19.287	2.09982	11 57 35
30.5	0.366331	0.867359	0.376239	19.247	2.09892	11 57 25
Juni 3.5	+0.302512	+0.888420	+0.385375	−19.207	2.09801	11 57 16
7.5	0.237297	0.905452	0.392761	19.165	2.09708	11 57 8
11.5	0.170995	0.918366	0.398360	19.123	2.09613	11 57 1
15.5	0.103932	0.927110	0.402151	19.080	2.09516	11 56 54
19.5	+0.036422	0.931663	0.404127	19.038	2.09419	11 56 49
23.5	−0.031233	+0.932027	+0.404287	−18.995	2.09322	11 56 44
27.5	0.098747	0.928212	0.402635	18.952	2.09224	11 56 41
Juli 1.5	0.165836	0.920231	0.399173	18.910	2.09126	11 56 39
5.5	0.232203	0.908099	0.393908	18.868	2.09029	11 56 38
9.5	0.297532	0.891856	0.386860	18.826	2.08934	11 56 37
13.5	−0.361507	+0.871578	+0.378062	−18.785	2.08840	11 56 38
17.5	0.423830	0.847370	0.367563	18.746	2.08748	11 56 39
21.5	0.484225	0.819355	0.355413	18.707	2.08658	11 56 41
25.5	0.542438	0.787665	0.341669	18.669	2.08570	11 56 44
29.5	0.598222	0.752428	0.326384	18.633	2.08485	11 56 48
Aug. 2.5	−0.651323	+0.713778	+0.309616	−18.597	2.08402	11 56 52
6.5	0.701476	0.671870	0.291435	18.564	2.08323	11 56 56
10.5	0.748429	0.626898	0.271927	18.531	2.08247	11 57 0
14.5	0.791956	0.579076	0.251184	18.500	2.08174	11 57 4
18.5	0.831861	0.528632	0.229306	18.470	2.08104	11 57 8
22.5	−0.867972	+0.475797	+0.206389	−18.441	2.08036	11 57 11
26.5	0.900135	0.420793	0.182528	18.414	2.07972	11 57 14
30.5	0.928187	0.363842	0.157822	18.388	2.07911	11 57 17
Sept. 3.5	0.951966	0.305195	0.132381	18.363	2.07852	11 57 19
7.5	0.971332	0.245126	0.106324	18.339	2.07794	11 57 20
11.5	−0.986180	+0.183927	+0.079779	−18.316	2.07739	11 57 19
15.5	0.996437	0.121891	0.052873	18.293	2.07685	11 57 18
19.5	1.002061	+0.059310	+0.025728	18.270	2.07632	11 57 16
23.5	1.003028	−0.003542	−0.001537	18.248	2.07579	11 57 13
27.5	0.999309	0.066395	0.028803	18.226	2.07527	11 57 8

Mittlere Zeit Greenwich	Rechtwinklige Sonnen-koordinaten, bezogen auf das Äquinoktium 1925.0			Reduktion von dem mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium		
	X	Y	Z	f	log g	G
1918						
Sept. 27.5	—0.999309	—0.066395	—0.028803	—18.226 s	2.07527	11 h 57 m 8 s
Okt. 1.5	0.990882	0.128958	0.055943	18.204	2.07474	11 57 3
5.5	0.977756	0.190922	0.082821	18.181	2.07420	11 56 56
9.5	0.959978	0.251975	0.109302	18.158	2.07364	11 56 47
13.5	0.937628	0.311810	0.135254	18.134	2.07307	11 56 38
17.5	—0.910817	—0.370136	—0.160554	—18.109	2.07248	11 56 28
21.5	0.879674	0.426689	0.185086	18.083	2.07186	11 56 17
25.5	0.844320	0.481212	0.208740	18.055	2.07121	11 56 5
29.5	0.804888	0.533438	0.231395	18.027	2.07053	11 55 52
Nov. 2.5	0.761544	0.583092	0.252932	17.996	2.06981	11 55 39
6.5	—0.714487	—0.629908	—0.273238	—17.965	2.06905	11 55 26
10.5	0.663951	0.673639	0.292205	17.932	2.06825	11 55 12
14.5	0.610193	0.714067	0.309741	17.897	2.06742	11 54 58
18.5	0.553476	0.751003	0.325765	17.861	2.06654	11 54 45
22.5	0.494056	0.784277	0.340200	17.823	2.06563	11 54 32
26.5	—0.432195	—0.813716	—0.352971	—17.784	2.06468	11 54 19
30.5	0.368183	0.839150	0.364002	17.743	2.06370	11 54 7
Dez. 4.5	0.302334	0.860429	0.373230	17.702	2.06269	11 53 57
8.5	0.234991	0.877430	0.380602	17.659	2.06166	11 53 47
12.5	0.166502	0.890070	0.386085	17.616	2.06061	11 53 38
16.5	—0.097213	—0.898299	—0.389657	—17.572	2.05954	11 53 31
20.5	—0.027449	0.902089	0.391303	17.528	2.05845	11 53 24
24.5	+0.042467	0.901413	0.391010	17.483	2.05735	11 53 19
28.5	0.112195	0.896253	0.388771	17.439	2.05625	11 53 16
31.5	0.164154	0.889445	0.385815	17.406	2.05543	11 53 14

$$\text{Red. in } \alpha = f + {}^1/_{15}\, g \sin(G+\alpha) \operatorname{tg} \delta$$
$$\text{Red. in } \delta = g \cos(G+\alpha)$$

Für α und δ sind ihre genäherten Werte für das Äquinoktium $\frac{t_1+t_2}{2}$ zu setzen (t_1 das instantane wahre Äquinoktium, t_2 das Normaläquinoktium 1925.0); will man hingegen die auf das Äquinoktium t_2 bezogenen Koordinaten benutzen, so hat man noch die auf der folgenden Seite gegebenen Korrektionen anzubringen.

Korrektion der Reduktion vom mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium (s. S. 367/369), berechnet für 1918.5, mit Hinzufügung ihrer einjährigen Änderung

Für Rektaszension (in 0ˢ.001)

α	δ +60°		+50°		+30°		+10°		−10°		−30°		−50°		−60°	
0ʰ	+11	−3	+8	−2	+4	−1	+1	0	−1	0	−3	+1	−7	+2	−11	+3
1	+16	−5	+10	−3	+5	−2	+2	−1	0	0	−2	+1	−4	+1	−5	+2
2	+18	−6	+11	−4	+5	−2	+3	−1	+1	0	−1	0	−1	0	−1	0
3	+18	−5	+11	−3	+5	−2	+3	−1	+1	0	0	0	0	0	+2	−1
4	+14	−4	+9	−3	+4	−1	+2	−1	+1	0	+1	0	+1	0	+3	−1
5	+8	−2	+5	−1	+2	−1	+1	0	+1	0	+1	0	+1	0	+3	−1
6	0	0	0	0	0	0	0	0	0	0	0	0	+1	0	+1	0
7	−7	+2	−4	+1	−2	+1	−1	0	0	0	0	0	0	0	−1	0
8	−14	+4	−8	+3	−3	+1	−1	0	0	0	0	0	0	0	−2	+1
9	−17	+5	−10	+3	−5	+1	−2	+1	0	0	+1	0	+1	0	−1	0
10	−17	+5	−11	+3	−5	+1	−2	+1	0	0	+2	0	+2	−1	+2	−1
11	−15	+5	−10	+3	−4	+1	−1	0	+1	0	+3	−1	+5	−2	+6	−2
12	−11	+3	−7	+2	−3	+1	−1	0	+1	0	+4	−1	+8	−2	+11	−3
13	−5	+2	−4	+1	−2	+1	0	0	+2	−1	+5	−2	+10	−3	+16	−5
14	−1	0	−1	0	−1	0	+1	0	+3	−1	+5	−2	+11	−4	+18	−6
15	+2	−1	0	0	0	0	+1	0	+3	−1	+5	−2	+11	−3	+18	−5
16	+3	−1	+1	0	+1	0	+1	0	+2	−1	+4	−1	+9	−3	+14	−4
17	+3	−1	+1	0	+1	0	+1	0	+1	0	+2	−1	+5	−1	+8	−2
18	+1	0	+1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	−1	0	0	0	0	0	0	0	−1	0	−2	+1	−4	+1	−7	+2
20	−2	+1	0	0	0	0	0	0	−1	0	−3	+1	−8	+3	−14	+4
21	−1	0	+1	0	+1	0	0	0	−2	+1	−5	+1	−10	+3	−17	+5
22	+2	−1	+2	−1	+2	0	0	0	−2	+1	−5	+1	−11	+3	−17	+5
23	+6	−2	+5	−2	+3	−1	+1	0	−1	0	−4	+1	−10	+3	−15	+5
24	+11	−3	+8	−2	+4	−1	+1	0	−1	0	−3	+1	−7	+2	−11	+3

Für Deklination (in 0″.01)

α	δ +60°		+50°		+30°		+10°		−10°		−30°		−50°		−60°	
0ʰ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	−3	+1	−3	+1	−3	+1	−3	+1	−3	+1	−2	+1	−2	+1	−2	+1
2	−7	+2	−6	+2	−5	+2	−5	+2	−5	+1	−4	+1	−4	+1	−3	+1
3	−10	+3	−9	+3	−8	+2	−7	+2	−6	+2	−6	+2	−4	+1	−3	+1
4	−14	+4	−12	+4	−10	+3	−9	+3	−8	+2	−6	+2	−5	+1	−3	+1
5	−16	+5	−14	+4	−11	+4	−10	+3	−9	+3	−7	+2	−5	+1	−3	+1
6	−17	+5	−14	+4	−12	+4	−10	+3	−9	+3	−7	+2	−5	+1	−2	+1
7	−16	+5	−14	+4	−11	+3	−10	+3	−8	+3	−7	+2	−5	+1	−2	+1
8	−13	+4	−12	+4	−10	+3	−9	+3	−8	+2	−6	+2	−4	+1	−3	+1
9	−10	+3	−9	+3	−8	+2	−7	+2	−6	+2	−5	+2	−4	+1	−3	+1
10	−6	+2	−6	+2	−5	+2	−5	+1	−4	+1	−4	+1	−3	+1	−3	+1
11	−3	+1	−3	+1	−2	+1	−2	+1	−2	+1	−2	+1	−2	+1	−2	+1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	+2	−1	+2	−1	+2	−1	+3	−1	+3	−1	+3	−1	+3	−1	+3	−1
14	+3	−1	+4	−1	+4	−1	+5	−1	+5	−2	+5	−2	+6	−2	+7	−2
15	+3	−1	+4	−1	+6	−2	+6	−2	+7	−2	+8	−2	+9	−3	+10	−3
16	+3	−1	+5	−1	+6	−2	+8	−2	+9	−3	+10	−3	+12	−4	+14	−4
17	+3	−1	+5	−1	+7	−2	+9	−3	+10	−3	+11	−4	+14	−4	+16	−5
18	+2	−1	+5	−1	+7	−2	+9	−3	+10	−3	+12	−4	+14	−4	+17	−5
19	+2	−1	+5	−1	+7	−2	+8	−3	+10	−3	+11	−3	+14	−4	+16	−5
20	+3	−1	+4	−1	+6	−2	+8	−2	+9	−3	+10	−3	+12	−4	+13	−4
21	+3	−1	+4	−1	+5	−2	+6	−2	+7	−2	+8	−2	+9	−3	+10	−3
22	+3	−1	+3	−1	+4	−1	+4	−1	+5	−1	+5	−2	+6	−2	+6	−2
23	+2	−1	+2	−1	+2	−1	+2	−1	+2	−1	+2	−1	+3	−1	+3	−1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Übertragung mittlerer Polsternörter von dem Äquinoktium t_1 auf $t_2 = 1918.0$

t_1	90° − (N)	(m)+(N)−90°	(n)
	′ ″	′ ″	′ ″
1755	+62 33.51	+62 35.61	+54 28.34
1790	49 8.02	49 9.30	42 46.41
1800	45 17.82	45 18.92	39 25.87
1810	41 27.61	41 28.53	36 5.34
1825	35 42.25	35 42.94	31 4.55
1830	+33 47.13	+33 47.74	+29 24.29
1835	31 51.99	31 52.54	27 44.03
1840	29 56.85	29 57.34	26 3.77
1845	28 1.71	28 2.13	24 23.52
1850	26 6.56	26 6.93	22 43.26
1855	+24 11.40	+24 11.72	+21 3.01
1860	22 16.23	22 16.51	19 22.76
1865	20 21.07	20 21.30	17 42.51
1870	18 25.91	18 26.09	16 2.27
1875	16 30.73	16 30.88	14 22.02
1880	+14 35.55	+14 35.67	+12 41.78
1885	12 40.36	12 40.46	11 1.54
1890	10 45.17	10 45.23	9 21.30
1895	8 49.97	8 50.02	7 41.06
1900	6 54.77	6 54.80	6 0.83
1905	+ 4 59.56	+ 4 59.58	+ 4 20.60
1910	3 4.35	3 4.36	2 40.36
1915	+ 1 9.13	+ 1 9.13	+ 1 0.14
1920	— 0 46.08	— 0 46.09	— 0 40.09

Sind α_1, δ_1 die Koordinaten für t_1, und α_2, δ_2 jene für 1918.0, so hat man

$$a_1 = \alpha_1 - [(N) - 90°]$$

$$p = \left(\operatorname{tang}\delta_1 + \cos a_1 \operatorname{tang}\tfrac{1}{2}(n)\right)\sin(n)$$

$$\operatorname{tang}\Delta a = \frac{p\sin a_1}{1 - p\cos a_1}$$

$$\alpha_2 = a_1 + (m) + \Delta a$$

$$\operatorname{tang}\tfrac{1}{2}(\delta_2 - \delta_1) = \cos(a_1 + \tfrac{1}{2}\Delta a)\sec\tfrac{1}{2}\Delta a \operatorname{tang}\tfrac{1}{2}(n)$$

oder, fast immer ausreichend genau:

$$\delta_2 = \delta_1 + (n)\cos(a_1 + \tfrac{1}{2}\Delta a)\sec\tfrac{1}{2}\Delta a$$

Übertragung mittlerer Sternörter von dem Äquinoktium t_1 auf $t_2 = 1918.0$

t_1	$m^s\tau$	$\log[n^s\tau]$	$\log[n''\tau]$
1755	+8ᵐ 20ˢ.597	2.338261	3.514352
1790	6 33.150	2.233251	3.409342
1800	6 2.445	2.197914	3.374005
1810	5 31.739	2.159445	3.335536
1825	4 45.677	2.094491	3.270582
1830	+4 30.323	2.070487	3.246578
1835	4 14.967	2.045077	3.221168
1840	3 59.612	2.018090	3.194181
1845	3 44.255	1.989313	3.165404
1850	3 28.899	1.958494	3.134585
1855	+3 13.541	1.925322	3.101413
1860	2 58.183	1.889404	3.065495
1865	2 42.825	1.850247	3.026338
1870	2 27.467	1.807207	2.983298
1875	2 12.108	1.759430	2.935521
1880	+1 56.748	1.705741	2.881832
1885	1 41.388	1.644466	2.820557
1890	1 26.027	1.57311	2.74920
1895	1 10.666	1.48767	2.66376
1900	0 55.305	1.38121	2.55730
1905	+0 39.943	1.23988	2.41597
1910	0 24.581	1.02902	2.20511
1915	+0 9.218	0.60305	1.77914
1920	—0 6.145	0.42695_n	1.60304_n

Sind α_1, δ_1 die Koordinaten für t_1 und α_2, δ_2 jene für $t_2 =$ 1918.0, ist ferner α', δ' der genäherte Sternort für die Zeit $\tfrac{1}{2}(t_1 + t_2)$, so ist

$$\alpha_2 = \alpha_1 + m^s\tau + [n^s\tau]\sin\alpha' \operatorname{tg}\delta'$$

$$\delta_2 = \delta_1 + [n''\tau]\cos\alpha'$$

α	$0^h, 12^h$		$1^h, 13^h$		$2^h, 14^h$		$3^h, 15^h$		$4^h, 16^h$		$5^h, 17^h$	
m	$+A_1-$	$+D-$	$+A_1-$	$+D-$	$+A_1-$	$+D-$	$+A_1-$	$+D-$	$+A_1-$	$+D-$	$+A_1-$	$+D-$
	s	"	s	"	s	"	s	"	s	"	s	"
0	0.007	140.31	2.428	135.51	4.684	121.46	6.620	99.14	8.105	70.06	9.037	36.21
1	048	140.31	467	135.35	719	121.15	648	98.71	125	69.53	048	35.62
2	089	140.31	507	135.18	754	120.84	677	98.27	145	69.00	058	35.03
3	130	140.30	546	135.01	789	120.53	706	97.83	165	68.46	068	34.43
4	171	140.29	585	134.85	824	120.22	734	97.39	185	67.93	078	33.84
5	211	140.28	625	134.68	859	119.90	762	96.95	205	67.39	088	33.24
6	252	140.26	664	134.51	894	119.58	790	96.51	224	66.85	098	32.65
7	293	140.24	703	134.33	929	119.26	818	96.06	244	66.32	107	32.05
8	334	140.22	742	134.15	963	118.94	846	95.61	263	65.78	116	31.46
9	375	140.20	781	133.97	4.998	118.61	874	95.17	282	65.24	125	30.86
10	0.415	140.18	2.820	133.78	5.032	118.28	6.902	94.72	8.301	64.70	9.134	30.26
11	456	140.15	859	133.60	067	117.95	929	94.27	320	64.16	143	29.66
12	497	140.12	898	133.41	101	117.62	957	93.81	338	63.62	151	29.07
13	538	140.08	936	133.22	135	117.28	6.984	93.35	357	63.07	160	28.47
14	578	140.05	2.975	133.03	169	116.94	7.011	92.89	375	62.52	168	27.87
15	619	140.01	3.014	132.83	203	116.60	038	92.43	393	61.97	176	27.27
16	660	139.97	052	132.63	237	116.26	065	91.97	411	61.42	184	26.66
17	701	139.92	091	132.43	271	115.92	091	91.51	429	60.87	191	26.06
18	741	139.87	129	132.23	304	115.57	118	91.04	446	60.31	199	25.46
19	782	139.82	168	132.02	338	115.23	144	90.58	464	59.75	206	24.86
20	0.823	139.77	3.206	131.82	5.371	114.88	7.171	90.11	8.481	59.20	9.213	24.26
21	863	139.71	244	131.61	405	114.52	197	89.64	498	58.64	220	23.65
22	904	139.66	283	131.39	438	114.17	223	89.17	515	58.09	227	23.05
23	945	139.60	321	131.18	471	113.81	248	88.69	532	57.53	234	22.45
24	0.985	139.53	359	130.96	504	113.45	274	88.22	549	56.97	240	21.84
25	1.026	139.46	397	130.74	537	113.09	300	87.74	565	56.41	247	21.24
26	066	139.39	435	130.52	570	112.73	325	87.26	581	55.85	253	20.63
27	107	139.33	473	130.29	603	112.36	351	86.78	598	55.29	259	20.03
28	147	139.26	511	130.06	635	112.00	376	86.30	614	54.72	264	19.42
29	188	139.18	549	129.83	668	111.63	401	85.82	629	54.16	270	18.81
30	1.229	139.10	3.587	129.59	5.700	111.25	7.426	85.33	8.645	53.59	9.275	18.21
31	269	139.02	624	129.36	733	110.88	450	84.84	661	53.03	280	17.60
32	310	138.93	662	129.12	765	110.50	475	84.35	676	52.46	285	16.99
33	350	138.84	699	128.88	797	110.12	500	83.86	691	51.89	291	16.38
34	390	138.75	737	128.64	829	109.74	524	83.37	706	51.32	296	15.78
35	431	138.66	774	128.39	861	109.36	548	82.88	721	50.75	300	15.17
36	471	138.57	811	128.14	893	108.98	572	82.38	736	50.18	304	14.56
37	511	138.48	849	127.89	924	108.59	596	81.89	750	49.61	308	13.95
38	551	138.38	886	127.64	956	108.20	620	81.39	765	49.04	312	13.34
39	591	138.27	923	127.38	5.987	107.81	643	80.89	779	48.46	316	12.73
40	1.632	138.16	3.960	127.12	6.018	107.42	7.666	80.39	8.793	47.89	9.320	12.12
41	672	138.05	3.997	126.86	050	107.02	690	79.89	807	47.31	323	11.51
42	712	137.94	4.034	126.60	081	106.62	713	79.39	820	46.73	326	10.90
43	752	137.83	071	126.33	112	106.23	736	78.88	834	46.16	329	10.29
44	792	137.72	107	126.06	143	105.83	759	78.37	847	45.58	332	9.68
45	832	137.60	144	125.79	173	105.42	782	77.86	860	45.00	335	9.07
46	872	137.48	180	125.52	204	105.02	805	77.35	873	44.41	337	8.46
47	912	137.35	217	125.25	234	104.61	827	76.84	886	43.83	340	7.85
48	952	137.22	253	124.97	265	104.20	849	76.33	899	43.25	342	7.23
49	1.992	137.09	290	124.69	295	103.79	871	75.82	911	42.67	344	6 62
50	2.032	136.96	4.326	124.41	6.325	103.38	7.893	75.30	8.924	42.09	9.346	6.01
51	072	136.83	362	124.12	355	102.96	915	74.78	936	41.50	347	5.40
52	111	136.69	398	123.84	385	102.54	937	74.26	948	40.92	349	4.79
53	151	136.55	434	123.55	415	102.12	958	73.74	959	40.33	350	4.17
54	191	136.41	470	123.26	444	101.70	7.980	73.22	971	39.75	351	3.56
55	230	136.26	506	122.97	474	101.28	8.001	72.70	983	39.16	352	2.95
56	270	136.12	541	122.67	503	100.86	022	72.18	8.994	38.57	353	2.34
57	310	135.97	577	122.37	533	100.43	043	71.65	9.005	37.98	354	1.73
58	349	135.82	613	122.07	562	100.00	064	71.12	016	37.39	354	1.11
59	389	135.67	648	121.77	591	99.57	084	70.59	027	36.80	354	0.50
60	2.428	135.51	4.684	121.46	6.620	99.14	8.105	70.06	9.037	36.21	9.354	

α	6h, 18h		7h, 19h		8h, 20h		9h, 21h		10h, 22h		11h, 23h	
m	+A₁−	−D+	+A₁−	−D+	+A₁−	−D+	+A₁−	−D+	+A₁−	−D+	+A₁−	−D+
	s	″	s	″	s	″	s	″	s	″	s	″
0	9.354	0.11	9.034	36.42	8.097	70.25	6.609	99.30	4.671	121.57	2.414	135.56
1	354	0.72	023	37.01	077	70.78	580	99.73	635	121.87	375	135.72
2	354	1.33	012	37.60	056	71.31	551	100.16	600	122.18	335	135.87
3	353	1.95	9.001	38.19	035	71.84	522	100.59	564	122.48	296	136.02
4	353	2.56	8.990	38.77	8.015	72.36	493	101.01	529	122.77	256	136.17
5	352	3.17	979	39.36	7.993	72.89	463	101.43	493	123.07	216	136.32
6	351	3.78	967	39.95	972	73.41	434	101.85	457	123.36	177	136.46
7	350	4.39	955	40.54	951	73.93	404	102.27	421	123.65	137	136.60
8	348	5.01	943	41.13	929	74.45	374	102.69	385	123.94	097	136.74
9	347	5.62	931	41.71	907	74.97	344	103.11	349	124.23	057	136.87
10	9.345	6.23	8.919	42.30	7.885	75.48	6.314	103.53	4.313	124.51	2.018	137.01
11	343	6.84	907	42.88	863	76.00	284	103.94	276	124.79	1.978	137.14
12	341	7.45	894	43.46	841	76.51	254	104.35	239	125.07	938	137.27
13	339	8.06	882	44.05	819	77.02	223	104.76	204	125.35	898	137.40
14	336	8.67	869	44.63	796	77.53	193	105.16	167	125.62	858	137.52
15	334	9.29	856	45.21	774	78.04	162	105.57	131	125.89	818	137.64
16	331	9.90	843	45.79	751	78.55	131	105.97	094	126.16	778	137.76
17	328	10.51	829	46.36	728	79.06	101	106.37	057	126.43	738	137.87
18	325	11.12	815	46.94	705	79.57	070	106.77	4.021	126.69	698	137.98
19	322	11.73	802	47.52	682	80.07	039	107.16	3.984	126.95	657	138.09
20	9.318	12.34	8.788	48.09	7.658	80.57	6.007	107.56	3.947	127.21	1.617	138.20
21	314	12.95	774	48.66	635	81.07	5.976	107.95	910	127.47	577	138.31
22	311	13.56	759	49.24	611	81.57	944	108.34	873	127.72	537	138.41
23	307	14.17	745	49.81	587	82.07	913	108.73	835	127.97	496	138.51
24	302	14.78	730	50.38	563	82.56	881	109.11	798	128.22	456	138.60
25	298	15.38	716	50.95	539	83.06	849	109.50	761	128.47	416	138.70
26	293	15.99	701	51.52	515	83.55	817	109.88	723	128.72	375	138.79
27	289	16.60	686	52.09	491	84.04	785	110.26	686	128.96	335	138.88
28	284	17.20	670	52.66	466	84.53	753	110.64	648	129.20	295	138.96
29	279	17.81	655	53.23	442	85.02	721	111.01	611	129.44	254	139.05
30	9.273	18.42	8.639	53.80	7.417	85.51	5.689	111.38	3.573	129.67	1.214	139.13
31	268	19.03	624	54.36	392	85.99	656	111.76	535	129.90	173	139.21
32	262	19.63	608	54.93	367	86.47	624	112.13	497	130.13	133	139.28
33	256	20.24	592	55.49	342	86.95	591	112.50	460	130.36	092	139.36
34	250	20.85	576	56.05	316	87.43	558	112.86	422	130.59	052	139.43
35	244	21.45	559	56.61	291	87.91	526	113.22	384	130.82	1.012	139.50
36	238	22.06	543	57.17	265	88.39	492	113.58	346	131.04	0.971	139.56
37	232	22.66	526	57.73	239	88.86	459	113.94	307	131.25	930	139.62
38	225	23.26	509	58.29	213	89.33	426	114.30	269	131.47	889	139.68
39	218	23.87	492	58.84	187	89.81	393	114.65	231	131.68	849	139.74
40	9.211	24.47	8.475	59.40	7.161	90.28	5.360	115.00	3.192	131.89	0.808	139.79
41	204	25.08	458	59.95	135	90.75	326	115.35	154	132.10	767	139.84
42	197	25.68	440	60.51	109	91.22	292	115.70	116	132.30	727	139.89
43	189	26.28	422	61.06	082	91.68	259	116.05	077	132.50	686	139.94
44	181	26.88	404	61.61	055	92.14	225	116.39	039	132.70	645	139.98
45	173	27.48	386	62.16	028	92.60	191	116.73	3.000	132.90	605	140.03
46	165	28.08	368	62.71	7.001	93.06	157	117.07	2.961	133.10	564	140.07
47	157	28.68	350	63.25	6.974	93.51	123	117.40	922	133.29	523	140.10
48	148	29.28	331	63.80	947	93.97	089	117.74	884	133.48	482	140.13
49	140	29.88	313	64.35	919	94.42	054	118.07	845	133.67	442	140.16
50	9.131	30.48	8.294	64.89	6.892	94.87	5.020	118.40	2.806	133.86	0.401	140.19
51	122	31.08	275	65.43	864	95.32	4.985	118.73	767	134.04	360	140.21
52	113	31.67	256	65.97	836	95.77	951	119.05	728	134.22	319	140.23
53	104	32.27	237	66.51	808	96.22	916	119.37	689	134.39	278	140.25
54	094	32.86	217	67.05	780	96.67	881	119.69	650	134.56	238	140.27
55	085	33.45	198	67.59	752	97.11	847	120.01	611	134.74	197	140.29
56	075	34.05	178	68.12	724	97.55	812	120.33	572	134.91	156	140.30
57	065	34.65	158	68.66	695	97.99	777	120.64	532	135.08	115	140.31
58	055	35.24	138	69.19	667	98.43	741	120.95	493	135.24	074	140.31
59	044	35.83	118	69.72	638	98.86	706	121.26	453	135.40	0.033	140.31
60	9.034	36.42	8.097	70.25	6.609	99.30	4.671	121.57	2.414	135.56		140.31

Übertragung von Sternörtern vom mittleren Äquinoktium 1918.0 auf das Normaläquinoktium 1925.0 (Fortsetzung)

α	A	A_2	D_1	α	α	A	A_2	D_1	α
h m	s	s	″	h m	h m	s	s	″	h m
0 0	+21.509	+0.0000	−0.000	12 0	6 0	+21.509	−0.0000	−0.048	18 0
10	509	03	000	10	10	509	03	048	10
20	509	06	000	20	20	509	06	047	20
30	509	08	001	30	30	509	08	047	30
40	510	11	001	40	40	509	11	046	40
50	510	13	002	50	50	508	13	045	50
1 0	+21.510	+0.0016	−0.003	13 0	7 0	+21.508	−0.0016	−0.044	19 0
10	510	18	004	10	10	508	18	043	10
20	510	20	006	20	20	508	20	042	20
30	510	22	007	30	30	508	22	041	30
40	510	24	009	40	40	508	24	039	40
50	510	26	010	50	50	508	26	038	50
2 0	+21.510	+0.0028	−0.012	14 0	8 0	+21.508	−0.0028	−0.036	20 0
10	511	29	014	10	10	508	29	034	10
20	511	30	016	20	20	508	30	032	20
30	511	31	018	30	30	508	31	030	30
40	511	31	020	40	40	508	31	028	40
50	511	32	022	50	50	508	32	026	50
3 0	+21.511	+0.0032	−0.024	15 0	9 0	+21.508	−0.0032	−0.024	21 0
10	511	32	026	10	10	508	32	022	10
20	511	31	028	20	20	508	31	020	20
30	511	31	030	30	30	508	31	018	30
40	511	30	032	40	40	508	30	016	40
50	511	29	034	50	50	508	29	014	50
4 0	+21.510	+0.0028	−0.036	16 0	10 0	+21.508	−0.0028	−0.012	22 0
10	510	26	038	10	10	508	26	010	10
20	510	24	039	20	20	508	24	009	20
30	510	22	041	30	30	508	22	007	30
40	510	20	042	40	40	508	20	006	40
50	510	18	043	50	50	508	18	004	50
5 0	+21.510	+0.0016	−0.044	17 0	11 0	+21.508	−0.0016	−0.003	23 0
10	510	13	045	10	10	508	13	002	10
20	510	11	046	20	20	509	11	001	20
30	509	08	047	30	30	509	08	001	30
40	509	06	047	40	40	509	06	000	40
50	509	03	048	50	50	509	03	000	50
6 0	+21.509	+0.0000	−0.048	18 0	12 0	+21.509	−0.0000	−0.000	24 0

$$\alpha_{1925} = \alpha_{1918} + A + A_1 \operatorname{tg} \delta_{1918} + A_2 \operatorname{tg}^2 \delta_{1918}$$

$$\delta_{1925} = \delta_{1918} + D + D_1 \operatorname{tg} \delta_{1918}$$

A_1 und D sind in der Tafel (S. 372/373) mit dem Argument α_{1918} zu entnehmen; für die Werte von α zwischen 0^h und 12^h gelten die Vorzeichen zur Linken, für die Werte von α zwischen 12^h und 24^h die Vorzeichen zur Rechten.

Finsternisse, Sternbedeckungen, Trabanten

Konstellationen, Hülfstafeln

1918

Im Jahre 1918 finden zwei Sonnen- und eine Mondfinsternis statt.

I. Totale Sonnenfinsternis 1918 Juni 8

Konjunktion in Rektaszension Juni 8, $10^h\ 7^m\ 24^s.2$ Mittl. Zt. Greenwich

Rektaszension des Mondes	$5^h\ 4^m\ 39^s.98$
Stündliche Änderung	2 32.10
Rektaszension der Sonne	5 4 39.98
Stündliche Änderung	10.33
Deklination des Mondes	$+23^\circ\ 17'\ 39''.1$
Stündliche Änderung	+0 7.4
Deklination der Sonne	+22 50 23.8
Stündliche Änderung	+0 13.6
Äquatorialhorizontalparallaxe des Mondes . .	58 39.4
» der Sonne . . .	8.7
Halbmesser des Mondes	15 58.2
» der Sonne	15 45.3

	Mittl. Zeit Greenwich	Westl. Länge von Greenwich	Geographische Breite
Beginn der Finsternis überhaupt .	$7^h\ 29^m.0$	$209^\circ\ 39'.7$	$+16^\circ\ 21'.7$
Beginn der zentralen Finsternis . .	8 32.2	230 1.9	+25 41.1
Zentrale Finsternis im wahren Mittag	10 7.4	152 9.5	+50 51.1
Ende der zentralen Finsternis . .	11 42.9	74 30.6	+25 23.1
Ende der Finsternis überhaupt . .	12 46.2	94 53.1	+16 3.1

Grenzkurven für die Sichtbarkeit der Finsternis

Westl. Grenze		Südl. Grenze		Östl. Grenze		Zentralkurve			
λ °	φ °	λ °	φ °	λ °	φ °	Mittl. Zeit Greenw. h m	λ °	φ °	Dauer der Totalität m s
319.9	+66.6	211.2	− 3.4	93.4	− 3.8		230.0	+25.7	
289.9	+61.0	188.9	+ 6.9	92.1	− 4.1	8 40	210.5	+34.7	1 15
266.9	+49.0	182.0	+10.2	89.6	− 4.1	8 50	200.7	+39.3	1 32
253.3	+36.2	173.0	+14.1	86.7	− 3.2	9 0	193.2	+42.5	1 45
244.2	+25.0	166.5	+16.4	83.4	− 1.4	9 15	183.4	+46.0	2 1
237.2	+16.0	161.1	+17.8	79.6	+ 1.6	9 30	174.3	+48.5	2 12
231.6	+ 9.0	156.3	+18.5	75.3	+ 6.0	9 45	165.4	+50.0	2 19
226.9	+ 3.9	151.7	+18.8	70.2	+12.0	10 0	156.5	+50.8	2 23
222.9	+ 0.3	147.1	+18.4	64.0	+19.9	10 15	147.7	+50.7	2 22
219.4	− 2.1	142.2	+17.4	56.1	+30.1	10 30	138.9	+49.9	2 18
216.4	− 3.5	136.6	+15.8	45.1	+42.4	10 45	130.0	+48.3	2 10
213.7	− 3.9	129.7	+13.2	27.7	+55.3	11 0	121.0	+45.9	1 58
211.2	− 3.4	119.6	+ 8.5	359.4	+64.7	11 15	111.3	+42.3	1 42
		110.9	+ 4.3	334.4	+67.0	11 30	99.4	+37.0	1 20
		93.4	− 3.8	319.5	+66.9		74.5	+25.4	

Die Finsternis beginnt also im östlichen Asien, von den Philippinen über den Altai bis in den nördlichsten Teil von Norwegen, schreitet über den Pol weg, und wird im Süden durch eine Linie durch den großen Ozean über Hawai begrenzt, ist in ganz Nordamerika sichtbar und einem Teil des nördlichen Atlantischen Ozeans.

Elemente der totalen Sonnenfinsternis 1918 Juni 8

Mittl. Zeit Greenwich	x	y	log sin d	log cos d	μ	$l^{(a)}$	$l^{(i)}$
7h 20m	−1.55216	+0.46880	9.58880	9.96458	110° 18.6′	+0.54179	−0.00410
30	1.45946	0.46870	9.58881	9.96457	112 48.6	0.54182	0.00407
40	1.36674	0.46860	9.58882	9.96457	115 18.6	0.54185	0.00404
50	1.27403	0.46848	9.58883	9.96457	117 48.5	0.54188	0.00402
8 0	−1.18132	+0.46835	9.58884	9.96457	120 18.5	+0.54191	−0.00399
10	1.08860	0.46821	9.58885	9.96457	122 48.5	0.54193	0.00396
20	0.99588	0.46806	9.58887	9.96456	125 18.5	0.54196	0.00394
30	0.90316	0.46790	9.58888	9.96456	127 48.5	0.54199	0.00391
40	0.81044	0.46773	9.58889	9.96456	130 18.5	0.54201	0.00389
50	0.71772	0.46755	9.58890	9.96456	132 48.5	0.54203	0.00386
9 0	−0.62499	+0.46736	9.58891	9.96456	135 18.5	+0.54206	−0.00384
10	0.53227	0.46716	9.58892	9.96455	137 48.5	0.54208	0.00382
20	0.43954	0.46695	9.58893	9.96455	140 18.5	0.54210	0.00379
30	0.34682	0.46673	9.58895	9.96455	142 48.5	0.54213	0.00377
40	0.25409	0.46650	9.58896	9.96455	145 18.5	0.54215	0.00375
50	0.16137	0.46626	9.58897	9.96455	147 48.5	0.54217	0.00373
10 0	−0.06864	+0.46601	9.58898	9.96454	150 18.5	+0.54219	−0.00371
10	+0.02408	0.46574	9.58899	9.96454	152 48.5	0.54220	0.00369
20	0.11680	0.46547	9.58900	9.96454	155 18.5	0.54222	0.00368
30	0.20952	0.46519	9.58901	9.96454	157 48.5	0.54224	0.00366
40	0.30224	0.46489	9.58903	9.96454	160 18.5	0.54226	0.00364
50	0.39496	0.46459	9.58904	9.96453	162 48.5	0.54227	0.00362
11 0	+0.48768	+0.46428	9.58905	9.96453	165 18.4	+0.54229	−0.00361
10	0.58039	0.46395	9.58906	9.96453	167 48.4	0.54230	0.00359
20	0.67310	0.46362	9.58907	9.96453	170 18.4	0.54232	0.00358
30	0.76581	0.46327	9.58908	9.96453	172 48.4	0.54233	0.00357
40	0.85852	0.46292	9.58909	9.96452	175 18.4	0.54235	0.00355
50	0.95122	0.46255	9.58911	9.96452	177 48.4	0.54236	0.00354
12 0	+1.04392	+0.46217	9.58912	9.96452	180 18.4	+0.54237	−0.00353
10	1.13662	0.46179	9.58913	9.96452	182 48.4	0.54238	0.00352
20	1.22931	0.46139	9.58914	9.96452	185 18.4	0.54239	0.00351
30	1.32200	0.46098	9.58915	9.96451	187 48.4	0.54240	0.00350
40	1.41469	0.46056	9.58916	9.96451	190 18.4	0.54241	0.00349
50	+1.50737	+0.46014	9.58917	9.96451	192 48.4	+0.54242	−0.00348

Mittl. Zeit Greenwich	x'	y'	log tang $f^{(a)}$	log tang $f^{(i)}$
7h	+0.009270	−0.000007	7.66329	7.66112
8	0.009271	0.000013	7.66329	7.66112
9	0.009272	0.000019	7.66328	7.66112
10	0.009272	0.000026	7.66328	7.66111
11	0.009271	0.000032	7.66328	7.66111
12	0.009270	0.000038	7.66328	7.66111
13	+0.009268	−0.000044	7.66328	7.66111

II. Partielle Mondfinsternis 1918 Juni 23

Opposition in Rektaszension Juni 23, $22^h 39^m 44.^s2$ Mittl. Zt. Greenwich

Rektaszension des Mondes	$18^h\ 9^m\ 7.^s39$
Stündliche Änderung	2 23.63
Rektaszension der Sonne	6 9 7.39
Stündliche Änderung	10.39
Deklination des Mondes	$-22^\circ\ 31'\ 46.''4$
Stündliche Änderung	+3 32.7
Deklination der Sonne	+23 25 58.1
Stündliche Änderung	−0 2.3
Äquatorialhorizontalparallaxe des Mondes . . .	57 18.4
» der Sonne . . .	8.7
Halbmesser des Mondes	15 36.2
» der Sonne	15 44.1

Anfang der Finsternis	Juni 23, $21^h 46.^m4$	Mittl. Zt. Greenwich
Mitte der Finsternis	22 28.0	» » »
Ende der Finsternis	23 9.8	» » »

Der Mond steht zu Beginn und Ende der Finsternis im Zenit der Orte, deren geographische Lage bezüglich ist:

$146^\circ 36'$ westliche Länge von Greenwich, $22^\circ 35'$ südliche Breite
166 40 » » » » 22 30 » »

Positionswinkel des Eintritts vom Nordpunkt gezählt = 152°
» » Austritts » » » = 195
Größe der Verfinsterung in Teilen des Monddurchmessers = 0.135

Der Beginn der Finsternis ist sichtbar in Südamerika, mit Ausnahme des östlichen Teiles; in Nordamerika, mit Ausnahme des nördlichen Teiles; im Großen Ozean und in Australien. Das Ende ist sichtbar im südwestlichen Nordamerika, im westlichen und südlichen Südamerika, im Großen Ozean und in Australien.

III. Ringförmige Sonnenfinsternis 1918 Dezember 3

Konjunktion in Rektaszension Dez. 3, $3^h 22^m 59^s.9$ Mittl. Zt. Greenwich

Rektaszension des Mondes	$16^h 36^m 17^s.31$
Stündliche Änderung	2 13.04
Rektaszension der Sonne	16 36 17.31
Stündliche Änderung	10.84
Deklination des Mondes	$-22° 16' 25''.0$
Stündliche Änderung	— 1 33.1
Deklination der Sonne	—22 3 17.5
Stündliche Änderung	— 0 21.6
Äquatorialhorizontalparallaxe des Mondes . .	55 3.2
» der Sonne . . .	8.9
Halbmesser des Mondes	14 59.3
» der Sonne	16 13.6

	Mittl. Zeit Greenwich	Westl. Länge von Greenwich	Geographische Breite
	h m	° ′	° ′
Beginn der Finsternis überhaupt .	0 21.3	100 17.1	— 5 52.3
Beginn der zentralen Finsternis . .	1 28.8	119 6.9	—10 36.0
Zentrale Finsternis im wahren Mittag	3 23.0	53 19.2	—36 5.2
Ende der zentralen Finsternis . .	5 14.9	345 1.2	—15 3.6
Ende der Finsternis überhaupt . .	6 22.3	3 53.3	—10 20.8

Grenzkurven für die Sichtbarkeit der Finsternis

Westliche Grenze		Südliche Grenze		Östliche Grenze		Nördliche Grenze		Zentralkurve			
λ	φ	λ	φ	λ	φ	λ	φ	Mittlere Zeit Greenwich	λ	φ	Dauer der ringförmigen Verfinsterung
°	°	°	°	°	°	°	°	h m	°	°	m s
104.1	+19.5	152.4	—46.2	309.5	—50.2	0.0	+15.1		119.1	—10.6	
106.6	+20.0	146.1	—49.1	309.1	—49.6	15.4	+ 8.2	1 45	94.1	—22.3	5 43
109.2	+19.8	130.1	—57.5	311.1	—46.1	24.0	+ 4.5	2 0	85.3	—26.6	6 5
112.2	+18.7	119.7	—62.9	313.7	—40.3	33.0	+ 0.7	2 15	78.5	—29.7	6 24
115.7	+16.5	109.4	—67.1	323.4	—24.1	38.8	— 1.4	2 30	72.5	—32.0	6 40
119.8	+12.9	84.0	—73.5	329.8	—12.7	46.8	— 3.0	2 45	66.9	—33.8	6 52
124.7	+ 7.0	46.0	—75.9	337.4	— 0.5	53.1	— 2.9	3 0	61.5	—35.1	7 1
131.2	— 2.9	8.0	—72.7	342.7	+ 6.5	58.4	— 1.8	3 15	56.2	—35.9	7 5
145.4	—28.7	340.0	—64.6	347.1	+10.9	62.2	— 0.4	3 30	50.8	—36.2	7 5
153.1	—44.0	325.3	—57.8	350.7	+13.6	67.4	+ 1.9	3 45	45.3	—36.1	7 1
152.5	—46.1	309.5	—50.2	354.0	+15.4	75.0	+ 5.6	4 0	39.7	—35.4	6 51
152.4	—46.2			356.6	+15.6	81.0	+ 8.7	4 15	33.7	—34.3	6 38
				359.0	+15.4	93.4	+14.8	4 30	27.1	—32.5	6 21
				0.0	+15.1	104.1	+19.5	4 45	19.6	—29.9	6 1
								5 0	9.9	—25.9	5 37
									345.0	—15.1	

Die Finsternis ist demnach sichtbar im östlichen Teil des Großen Ozeans, in Südamerika, mit Ausnahme der Nordküste, im südlichen Atlantischen Ozean und in der südwestlichen Hälfte von Afrika, begrenzt durch die Orte Cap Verde, Timbuktu, Tsad-See, Sambesi-Mündung.

Elemente der ringförmigen Sonnenfinsternis 1918 Dez. 3

Mittl. Zeit Greenwich	x	y	log sin d	log cos d	μ	$l^{(a)}$	$l^{(i)}$
$0^h 20^m$	−1.57022	−0.17167	9.57425_n	9.96706	7° 34.7	+0.56875	+0.02272
30	1.48444	0.17543	9.57427_n	9.96705	10 4.7	0.56875	0.02272
40	1.39865	0.17918	9.57429_n	9.96705	12 34.7	0.56875	0.02271
50	1.31287	0.18292	9.57431_n	9.96705	15 4.7	0.56874	0.02271
1 0	−1.22708	−0.18665	9.57433_n	9.96704	17 34.6	+0.56873	+0.02270
10	1.14128	0.19038	9.57434_n	9.96704	20 4.6	0.56873	0.02270
20	1.05549	0.19409	9.57436_n	9.96704	22 34.6	0.56872	0.02269
30	0.96969	0.19780	9.57438_n	9.96703	25 4.5	0.56871	0.02268
40	0.88388	0.20150	9.57440_n	9.96703	27 34.5	0.56870	0.02267
50	0.79808	0.20518	9.57442_n	9.96703	30 4.5	0.56869	0.02266
2 0	−0.71227	−0.20886	9.57444_n	9.96702	32 34.5	+0.56868	+0.02265
10	0.62646	0.21254	9.57446_n	9.96702	35 4.4	0.56867	0.02264
20	0.54065	0.21620	9.57447_n	9.96702	37 34.4	0.56866	0.02263
30	0.45483	0.21985	9.57449_n	9.96702	40 4.4	0.56865	0.02262
40	0.36901	0.22350	9.57451_n	9.96701	42 34.4	0.56864	0.02261
50	0.28319	0.22713	9.57453_n	9.96701	45 4.3	0.56863	0.02260
3 0	−0.19737	−0.23076	9.57455_n	9.96701	47 34.3	+0.56862	+0.02259
10	0.11155	0.23438	9.57457_n	9.96700	50 4.3	0.56860	0.02257
20	−0.02573	0.23799	9.57459_n	9.96700	52 34.2	0.56859	0.02256
30	+0.06010	0.24159	9.57461_n	9.96700	55 4.2	0.56857	0.02254
40	0.14592	0.24518	9.57462_n	9.96699	57 34.2	0.56856	0.02253
50	0.23175	0.24877	9.57464_n	9.96699	60 4.2	0.56854	0.02251
4 0	+0.31757	−0.25234	9.57466_n	9.96699	62 34.1	+0.56853	+0.02250
10	0.40340	0.25591	9.57468_n	9.96699	65 4.1	0.56851	0.02248
20	0.48923	0.25946	9.57470_n	9.96698	67 34.1	0.56849	0.02246
30	0.57506	0.26301	9.57472_n	9.96698	70 4.1	0.56847	0.02245
40	0.66088	0.26655	9.57474_n	9.96698	72 34.0	0.56846	0.02243
50	0.74671	0.27008	9.57475_n	9.96697	75 4.0	0.56844	0.02241
5 0	+0.83254	−0.27360	9.57477_n	9.96697	77 34.0	+0.56842	+0.02239
10	0.91836	0.27711	9.57479_n	9.96697	80 3.9	0.56840	0.02237
20	1.00419	0.28062	9.57481_n	9.96696	82 33.9	0.56838	0.02235
30	1.09001	0.28411	9.57483_n	9.96696	85 3.9	0.56835	0.02233
40	1.17583	0.28760	9.57485_n	9.96696	87 33.9	0.56833	0.02230
50	1.26166	0.29108	9.57486_n	9.96695	90 3.8	0.56831	0.02228
6 0	+1.34748	−0.29455	9.57488_n	9.96695	92 33.8	+0.56829	+0.02226
10	1.43329	0.29801	9.57490_n	9.96695	95 3.8	0.56826	0.02223
20	1.51911	0.30146	9.57492_n	9.96695	97 33.8	0.56824	0.02221
30	+1.60492	−0.30490	9.57494_n	9.96694	100 3.7	+0.56821	+0.02219

Mittl. Zeit Greenwich	x'	y'	log tang $f^{(a)}$	log tang $f^{(i)}$
0^h	+0.008576	−0.000378	7.67623	7.67406
1	0.008579	0.000373	7.67623	7.67406
2	0.008581	0.000368	7.67623	7.67406
3	0.008582	0.000362	7.67623	7.67406
4	0.008582	0.000357	7.67623	7.67407
5	0.008582	0.000351	7.67624	7.67407
6	0.008581	0.000346	7.67624	7.67407
7	+0.008580	−0.000341	7.67624	7.67407

I. Verzeichnis von Fixsternen, welche in Mitteleuropa vom Monde bedeckt werden

Nr.	Größe	$\alpha_{1918.0}$	$\delta_{1918.0}$	Nr.	Größe	$\alpha_{1918.0}$	$\delta_{1918.0}$
		h m s	° ′			h m s	° ′
38	6.5	0 36 58	+ 8 54.5	344	6.0	5 3 1	+ 21 35.8
94	6.2	1 31 23	+ 14 14.6	351	6.2	5 10 32	+ 22 11.5
147	6.4	2 26 21	+ 17 20.5	353	5.1	5 14 21	+ 22 0.8
161	6.5	2 39 44	+ 17 25.0	367	4.8	5 22 43	+ 21 52.1
167	6.0	2 43 56	+ 17 56.6	387	6.5	5 37 6	+ 22 37.2
173	6.0	2 51 12	+ 18 0.0	390	6.0	5 38 21	+ 23 10.0
174	5.6	2 51 48	+ 17 41.8	411	6.3	5 56 44	+ 22 24.0
185	6.5	3 3 42	+ 18 28.9	415	4.3	5 59 8	+ 23 16.1
188	4.5	3 6 56	+ 19 25.0	418	6.0	6 4 36	+ 22 12.2
194	5.2	3 16 29	+ 20 51.1	428	3.2	6 9 56	+ 22 31.9
195	5.2	3 18 2	+ 20 27.0	442	3.2	6 18 0	+ 22 33.4
198	6.0	3 19 42	+ 20 30.8	448	6.5	6 22 53	+ 20 50.4
209	6.5	3 34 14	+ 20 39.0	449	6.2	6 23 4	+ 20 32.8
215	6.1	3 39 42	+ 20 40.2	451	4.1	6 24 6	+ 20 15.9
231	5.9	3 45 6	+ 21 59.7	473	5.2	6 46 38	+ 21 51.5
237	5.8	3 52 1	+ 22 14.6	486	3.7	6 59 15	+ 20 41.5
259	6.1	4 7 59	+ 22 12.2	505	5.2	7 17 7	+ 20 36.0
263	5.6	4 13 32	+ 21 22.8	525	5.3	7 34 45	+ 17 51.7
264	5.3	4 14 36	+ 20 56.7	533	5.0	7 41 23	+ 18 42.7
265	5.2	4 14 45	+ 21 34.6	540	6.0	7 52 20	+ 16 0.6
284	4.1	4 20 29	+ 22 6.4	541	6.0	7 53 51	+ 16 44.4
285	5.4	4 20 32	+ 22 0.8	546	5.7	7 56 6	+ 17 32.1
288	4.2	4 21 24	+ 22 37.7	548	5.9	7 56 50	+ 16 40.9
291	5.4	4 22 23	+ 22 48.8	576	5.9	8 24 3	+ 14 29.0
292	5.8	4 23 9	+ 21 26.3	581	6.4	8 29 13	+ 13 32.3
314	6.0	4 31 33	+ 23 10.4	583	6.3	8 31 32	+ 15 35.9
320	4.3	4 37 19	+ 22 48.0	600	5.5	8 38 41	+ 12 58.5
322	6.2	4 40 45	+ 23 28.7	611	5.7	8 51 27	+ 11 56.4
332	6.0	4 52 50	+ 23 49.3	614	4.3	8 54 0	+ 12 10.6
335	4.7	4 58 12	+ 21 28.4	625	5.1	9 3 18	+ 10 59.9

Die auf S. 381—384 angegebenen Nummern beziehen sich auf den Catalogue of Zodiacal Stars by H. B. Hedrick (in Astronomical Papers of the American Ephemeris, Vol. VIII, Part III)

I. Verzeichnis von Fixsternen, welche in Mitteleuropa vom Monde bedeckt werden

Nr.	Größe	$\alpha_{1918.0}$	$\delta_{1918.0}$	Nr.	Größe	$\alpha_{1918.0}$	$\delta_{1918.0}$
		h m s	° ′			h m s	° ′
628	6.5	9 5 19	+ 11 53.9	1095	5.8	16 55 8	— 24 51.9
634	6.3	9 13 25	+ 11 50.7	1116	5.1	17 13 1	— 24 11.9
640	5.5	9 24 4	+ 9 24.9	1129	6.3	17 20 5	— 24 10.2
645	5.2	9 27 34	+ 10 4.7	1131	4.3	17 21 22	— 24 6.1
675	6.3	10 2 30	+ 6 0.7	1134	4.8	17 26 25	— 23 54.0
682	5.9	10 8 32	+ 5 1.2	1164	4.8	17 54 47	— 23 48.6
715	6.3	10 48 1	+ 1 27.6	1170	5.5	17 57 50	— 24 17.0
716	6.1	10 51 29	+ 1 10.5	1172	6.0	17 58 51	— 24 21.8
723	6.1	10 59 25	+ 0 26.5	1183	5.2	18 6 43	— 23 43.1
752	5.1	11 26 8	— 2 33.0	1234	5.6	18 41 24	— 22 28.7
768	5.9	11 46 51	— 4 52.6	1240	6.2	18 45 55	— 22 15.4
788	6.5	12 6 15	— 7 19.1	1252	3.7	18 52 50	— 21 12.9
810	5.3	12 29 33	— 9 0.0	1262	3.9	18 59 46	— 21 51.8
829	6.0	12 50 3	— 11 12.3	1271	3.0	19 4 53	— 21 9.3
862	5.6	13 28 29	— 14 56.5	1298	6.1	19 26 2	— 21 29.0
875	5.6	13 40 4	— 15 46.0	1303	6.1	19 31 39	— 19 2.1
878	6.1	13 41 10	— 15 21.4	1318	6.0	19 47 26	— 19 15.2
908	5.5	14 10 53	— 17 49.1	1357	6.4	20 24 6	— 16 0.8
912	6.4	14 12 32	— 18 12.3	1364	6.2	20 26 29	— 15 19.9
915	5.7	14 14 6	— 18 20.2	1374	5.2	20 34 41	— 15 14.6
928	6.5	14 30 14	— 20 4.8	1396	5.9	20 54 10	— 14 48.0
945	5.7	14 52 40	— 21 2.8	1432	6.5	21 23 47	— 11 55.4
951	6.1	15 1 43	— 21 42.8	1443	6.2	21 35 4	— 10 56.8
964	5.8	15 11 38	— 22 5.8	1452	5.3	21 40 38	— 9 27.6
984	6.0	15 32 59	— 22 52.2	1453	6.3	21 41 54	— 9 39.3
990	6.2	15 34 32	— 22 53.0	1491	5.7	22 12 50	— 5 47.8
1006	5.3	15 49 3	— 23 44.1	1496	5.8	22 19 51	— 5 15.1
1019	2.5	15 55 29	— 22 23.4	1510	5.2	22 33 31	— 4 39.1
1027	5.7	16 1 13	— 23 23.0	1514	6.3	22 36 33	— 3 58.9
1034	5.8	16 3 50	— 23 28.0	1532	6.2	22 54 2	— 2 50.1
1040	6.3	16 8 49	— 24 12.8	1562	6.4	23 19 20	— 0 9.5
1059	4.7	16 20 40	— 23 15.5	1563	4.9	23 22 44	+ 0 48.4
1072	6.1	16 36 38	— 24 18.6	1564	6.4	23 23 3	+ 0 40.3
1091	5.5	16 51 51	— 23 1.3	1579	5.7	23 32 12	+ 1 38.8
1093	6.3	16 54 56	— 24 58.1	1585	5.4	23 42 12	+ 3 1.9

II. Konjunktionszeiten der in Mitteleuropa sichtbaren Sternbedeckungen

Nr.	Größe	Konjunktion in Rektaszension (Mittl. Zeit Greenw.)		Nr.	Größe	Konjunktion in Rektaszension (Mittl. Zeit Greenw.)		Nr.	Größe	Konjunktion in Rektaszension (Mittl. Zeit Greenw.)	
			h m				h m				h m
716	6.1	Jan. 2	9 35.5	442	3.2	Febr. 20	6 44.5	752	5.1	April 22	7 13.6
723	6.1	2	13 59.5	628	6.5	23	14 29.4	875	5.6	25	6 49.4
768	5.9	3	16 20.3	788	6.5	27	16 53.1	878	6.1	25	7 22.7
810	5.3	4	15 41.4	829	6.0	28	16 37.8	1129	6.3	29	12 23.9
945	5.7	7	15 12.1	862	5.6	März 1	12 52.2	1131	4.3	29	12 56.8
951	6.1	7	19 18.6	908	5.5	2	10 23.6	1134	4.8	29	15 7.6
1006	5.3	8	16 6.2	912	6.4	2	11 12.6	1532	6.2	Mai 5	15 53.3
1093	6.3	9	19 28.8	915	5.7	2	11 59.4	1585	5.4	6	13 26.6
231	5.9	21	8 20.7	964	5.8	3	15 38.8	628	6.5	16	10 38.4
237	5.8	21	11 15.3	1027	5.7	4	14 14.6	752	5.1	19	14 21.5
314	6.0	22	3 49.8	1034	5.8	4	15 24.5	788	6.5	20	12 24.0
320	4.3	22	6 15.1	1040	6.3	4	17 37.4	829	6.0	21	11 58.2
322	6.2	22	7 41.5	1095	5.8	5	13 46.0	862	5.6	22	7 59.3
332	6.0	22	12 45.8	1170	5.5	6	16 11.3	875	5.6	22	13 53.0
390	6.0	23	8 1.0	1172	6.0	6	16 36.7	915	5.7	23	6 47.2
415	4.3	23	16 56.0	1262	3.9	7	17 49.7	1027	5.7	25	8 24.0
473	5.2	24	13 45.4	1396	5.9	9	17 23.9	1034	5.8	25	9 33.4
505	5.2	25	3 32.6	194	5.2	16	9 47.4	1116	5.1	26	15 30.6
533	5.0	25	14 48.7	195	5.2	16	10 24.7	1164	4.8	27	9 16.5
583	6.3	26	15 1.5	198	6.0	16	11 5.2	1183	5.2	27	14 20.4
628	6.5	27	8 4.8	259	6.1	17	6 34.3	1262	3.9	28	12 56.9
634	6.3	27	12 15.3	284	4.1	17	11 38.1	1271	3.0	28	15 8.7
715	6.3	29	15 7.0	288	4.2	17	12 0.5	1318	6.0	29	9 34.2
716	6.1	29	17 2.2	418	6.0	19	6 57.6	1452	5.3	31	12 20.2
752	5.1	30	12 14.9	428	3.2	19	9 15.6	1453	6.3	31	12 55.0
788	6.5	31	10 26.3	442	3.2	19	12 45.9	1510	5.2	Juni 1	12 43.4
829	6.0	Febr. 1	10 12.5	486	3.7	20	7 5.7	1514	6.3	1	14 7.9
875	5.6	2	12 20.3	546	5.7	21	9 41.6	1563	4.9	2	11 25.6
928	6.5	3	13 9.8	645	5.2	23	8 3.8	1564	6.4	2	11 34.3
984	6.0	4	18 13.7	716	6.1	25	5 40.6	541	6.0	11	9 4.5
990	6.2	4	18 55.3	723	6.1	25	10 3.5	640	5.5	13	4 44.6
1298	6.1	8	18 26.2	768	5.9	26	12 17.0	645	5.2	13	6 32.0
1585	5.4	13	6 17.8	810	5.3	27	11 35.1	723	6.1	15	7 30.4
38	6.5	14	6 8.9	908	5.5	29	16 10.3	768	5.9	16	9 33.4
94	6.2	15	5 37.6	912	6.4	29	16 59.2	810	5.3	17	8 48.1
147	6.4	16	4 58.6	1072	6.1	April 1	11 57.1	1234	5.6	24	12 11.6
288	4.2	18	5 1.8	1432	6.5	6	15 41.5	1240	6.2	24	14 5.0
291	5.4	18	5 26.6	411	6.3	15	11 36.8	1374	5.2	26	12 35.8
314	6.0	18	9 16.2	533	5.0	17	9 37.6	1496	5.8	28	11 52.4
320	4.3	18	11 41.2	675	6.3	20	9 12.0	1059	4.7	Juli 19	9 38.7
322	6.2	18	13 7.5	715	6.3	21	10 8.4	1116	5.1	20	8 6.8
390	6.0	19	13 30.6	716	6.1	21	12 3.5	1129	6.3	20	11 6.2

II. Konjunktionszeiten der in Mitteleuropa sichtbaren Sternbedeckungen

Nr.	Größe	Konjunktion in Rektaszension (Mittl. Zeit Greenw.)		Nr.	Größe	Konjunktion in Rektaszension (Mittl. Zeit Greenw.)		Nr.	Größe	Konjunktion in Rektaszension (Mittl. Zeit Greenw.)	
			h m				h m				h m
1131	4.3	Juli 20	11 38.3	263	5.6	Sept. 24	15 49.6	292	5.8	Nov. 18	15 46.6
1183	5.2	21	6 36.3	265	5.2	24	16 18.6	335	4.7	19	5 0.5
1271	3.0	22	6 46.2	351	6.2	25	14 31.6	344	6.0	19	6 50.4
1532	6.2	26	10 1.2	353	5.1	25	16 4.0	351	6.2	19	9 41.9
167	6.0	30	14 44.8	541	6.0	28	12 54.0	353	5.1	19	11 9.3
209	6.5	31	11 33.0	548	5.9	28	14 17.8	367	4.8	19	14 21.2
215	6.1	31	13 47.1	1252	3.7	Okt. 12	4 36.8	448	6.5	20	13 53.9
320	4.3	Aug. 1	13 18.5	1452	5.3	15	7 28.6	449	6.2	20	13 58.2
387	6.5	2	13 50.3	1453	6.3	15	8 2.6	451	4.1	20	14 22.9
915	5.7	13	6 44.6	1510	5.2	16	7 1.1	576	5.9	22	18 0.4
1164	4.8	17	11 7.0	1514	6.3	16	8 22.0	625	5.1	23	12 42.3
1234	5.6	18	6 44.5	1563	4.9	17	4 36.3	675	6.3	24	18 37.2
1240	6.2	18	8 38.1	1564	6.4	17	4 44.5	715	6.3	25	18 45.0
1318	6.0	19	10 27.4	1579	5.7	17	8 42.4	752	5.1	26	15 23.8
1374	5.2	20	6 26.6	1585	5.4	17	13 0.8	878	6.1	29	15 34.5
1443	6.2	21	8 19.3	147	6.4	20	8 3.2	1585	5.4	Dez. 11	6 8.2
1452	5.3	21	10 43.7	161	6.5	20	13 14.6	147	6.4	14	4 59.8
1453	6.3	21	11 16.6	167	6.0	20	14 51.8	161	6.5	14	10 21.7
1510	5.2	22	9 42.3	173	6.0	20	17 39.8	167	6.0	14	12 1.9
1514	6.3	22	11 2.0	209	6.5	21	10 8.7	173	6.0	14	14 54.7
1563	4.9	23	7 10.9	215	6.1	21	12 13.6	209	6.5	15	7 43.3
1564	6.4	23	7 19.2	525	5.3	25	10 54.8	215	6.1	15	9 49.6
1579	5.7	23	11 18.6	576	5.9	26	9 42.8	335	4.7	16	15 48.6
1585	5.4	23	15 39.7	600	5.5	26	16 45.5	344	6.0	16	17 39.1
38	6.5	24	15 19.9	640	5.5	27	15 23.2	525	5.3	19	6 10.1
147	6.4	26	13 20.1	682	5.9	28	14 35.4	540	6.0	19	13 45.2
195	5.2	27	10 28.6	716	6.1	29	13 42.1	541	6.0	19	14 24.8
198	6.0	27	11 9.4	723	6.1	29	18 0.8	548	5.9	19	15 43.1
263	5.6	28	8 59.7	1091	5.5	Nov. 6	4 12.0	581	6.4	20	6 11.8
265	5.2	28	9 29.5	1303	6.1	9	4 6.5	600	5.5	20	10 33.0
284	4.1	28	11 49.0	1357	6.4	10	4 3.2	611	5.7	20	16 29.6
285	5.4	28	11 50.2	1364	6.2	10	5 8.5	614	4.3	20	17 41.6
353	5.1	29	9 49.5	1374	5.2	10	8 55.2	640	5.5	21	8 7.2
367	4.8	29	13 16.5	1491	5.7	12	6 18.3	1019	2.5	29	16 31.7
448	6.5	30	14 36.3	1496	5.8	12	9 32.4	1091	5.5	30	18 1.9
1134	4.8	Sept. 13	7 24.0	173	6.0	17	4 56.4				
1357	6.4	16	12 13.4	174	5.6	17	5 10.5				
1532	6.2	19	5 13.0	185	6.5	17	9 44.3				
1562	6.4	19	16 6.3	188	4.5	17	10 58.6				
173	6.0	23	7 23.2	263	5.6	18	12 9.6				
185	6.5	23	12 19.5	264	5.3	18	12 33.7				
188	4.5	23	13 36.2	265	5.2	18	12 37.2				

Verfinsterungen: E. Eintritte, A. Austritte

TRABANT I

	h	m	s	
Jan. 1	14	17	10	A.
3	8	46	3	A.
5	3	15	0	A.
6	21	43	50	A.
8	16	12	48	A.
10	10	41	41	A.
12	5	10	40	A.
13	23	39	31	A.
15	18	8	29	A.
17	12	37	23	A.
19	7	6	23	A.
21	1	35	15	A.
22	20	4	14	A.
24	14	33	8	A.
26	9	2	8	A.
28	3	31	1	A.
29	22	0	0	A.
31	16	28	55	A.
Febr. 2	10	57	55	A.
4	5	26	48	A.
5	23	55	48	A.
7	18	24	42	A.
9	12	53	43	A.
11	7	22	36	A.
13	1	51	35	A.
14	20	20	29	A.
16	14	49	30	A.
18	9	18	23	A.
20	3	47	21	A.
21	22	16	15	A.
23	16	45	15	A.
25	11	14	8	A.
27	5	43	6	A.
März 1	0	11	59	A.
2	18	40	59	A.
4	13	9	50	A.
6	7	38	48	A.
8	2	7	40	A.
9	20	36	39	A.
11	15	5	30	A.
13	9	34	26	A.
15	4	3	18	A.
16	22	32	16	A.
18	17	1	6	A.
20	11	30	1	A.
22	5	58	52	A.

TRABANT I

	h	m	s	
März 24	0	27	48	A.
25	18	56	37	A.
27	13	25	30	A.
29	7	54	20	A.
31	2	23	15	A.
April 1	20	52	4	A.
3	15	20	56	A.
5	9	49	44	A.
7	4	18	37	A.
8	22	47	25	A.
10	17	16	15	A.
12	11	45	3	A.
14	6	13	54	A.
16	0	42	40	A.
17	19	11	29	A.
19	13	40	15	A.
21	8	9	5	A.
23	2	37	50	A.
24	21	6	37	A.
26	15	35	21	A.
28	10	4	9	A.
30	4	32	53	A.
Mai 1	23	1	38	A.
3	17	30	21	A.
5	11	59	7	A.
7	6	27	50	A.
9	0	56	33	A.
10	19	25	15	A.
12	13	53	59	A.
14	8	22	40	A.
16	2	51	23	A.
Juli 15	4	50	9	E.
16	23	18	37	E.
18	17	47	3	E.
20	12	15	29	E.
22	6	43	57	E.
24	1	12	24	E.
25	19	40	49	E.
27	14	9	14	E.
29	8	37	40	E.
31	3	6	6	E.
Aug. 1	21	34	30	E.
3	16	2	53	E.
5	10	21	18	E.
7	4	59	43	E.

TRABANT I

	h	m	s	
Aug. 8	23	28	6	E.
10	17	56	29	E.
12	12	24	53	E.
14	6	53	17	E.
16	1	21	39	E.
17	19	50	1	E.
19	14	18	24	E.
21	8	46	48	E.
23	3	15	8	E.
24	21	43	30	E.
26	16	11	51	E.
28	10	40	15	E.
30	5	8	35	E.
31	23	36	56	E.
Sept. 2	18	5	17	E.
4	12	33	40	E.
6	7	2	0	E.
8	1	30	20	E.
9	19	58	41	E.
11	14	27	3	E.
13	8	55	23	E.
15	3	23	42	E.
16	21	52	2	E.
18	16	20	25	E.
20	10	48	44	E.
22	5	17	4	E.
23	23	45	24	E.
25	18	13	46	E.
27	12	42	5	E.
29	7	10	26	E.
Okt. 1	1	38	45	E.
2	20	7	7	E.
4	14	35	27	E.
6	9	3	48	E.
8	3	32	7	E.
9	22	0	30	E.
11	16	28	49	E.
13	10	57	12	E.
15	5	25	30	E.
16	23	53	54	E.
18	18	22	14	E.
20	12	50	36	E.
22	7	18	56	E.
24	1	47	21	E.
25	20	15	41	E.
27	14	44	5	E.

TRABANT I

	h	m	s	
Okt. 29	9	12	25	E.
31	3	40	50	E.
Nov. 1	22	9	12	E.
3	16	37	37	E.
5	11	5	58	E.
7	5	34	24	E.
9	0	2	47	E.
10	18	31	13	E.
12	12	59	36	E.
14	7	28	4	E.
16	1	56	28	E.
17	20	24	55	E.
19	14	53	19	E.
21	9	21	49	E.
23	3	50	14	E.
24	22	18	44	E.
26	16	47	9	E.
28	11	15	41	E.
30	5	44	8	E.
Dez. 2	0	12	40	E.
3	18	41	7	E.
5	13	9	41	E.
7	7	38	10	E.
9	2	6	44	E.
10	20	35	12	E.
12	15	3	48	E.
14	9	32	20	E.
16	4	0	56	E.
17	22	29	26	E.
19	16	58	5	E.
21	11	26	39	E.
23	5	55	17	E.
25	0	23	50	E.
26	18	52	31	E.
28	13	21	7	E.
30	7	49	47	E.

TRABANT II

	h	m	s	
Jan. 2	13	29	1	A.
6	2	46	42	A.
9	16	4	32	A.
13	5	22	21	A.
16	18	40	16	A.
20	7	58	10	A.
23	21	16	8	A.

Verfinsterungen: E. Eintritte, A. Austritte

TRABANT II

	h	m	s	
Jan. 27	10	34	10	A.
30	23	52	12	A.
Febr. 3	13	10	15	A.
6	23	56	56	E.
7	2	28	24	A.
10	13	14	56	E.
10	15	46	32	A.
14	2	33	5	E.
14	5	4	42	A.
17	15	51	0	E.
17	18	22	54	A.
21	5	9	22	E.
21	7	41	10	A.
24	18	27	28	E.
24	20	59	29	A.
28	7	45	38	E.
28	10	17	44	A.
März 3	21	3	53	E.
3	23	36	8	A.
7	10	22	6	E.
7	12	54	27	A.
10	23	40	28	E.
11	2	12	56	A.
14	15	31	19	A.
18	4	49	49	A.
21	18	8	12	A.
25	7	26	52	A.
28	20	45	15	A.
April 1	10	4	1	A.
4	23	22	27	A.
8	12	41	15	A.
12	1	59	40	A.
15	15	18	34	A.
19	4	37	2	A.
22	17	55	59	A.
26	7	14	26	A.
29	20	33	28	A.
Mai 3	9	51	57	A.
6	23	11	1	A.
10	12	29	30	A.
14	1	48	37	A.
17	15	7	6	A.
Juli 13	9	30	48	E.
16	22	49	47	E.
20	12	7	52	E.

TRABANT II

	h	m	s	
Juli 24	1	26	54	E.
27	14	44	57	E.
31	4	3	55	E.
Aug. 3	17	21	51	E.
7	6	40	46	E.
10	19	58	41	E.
14	9	17	32	E.
17	22	35	25	E.
21	11	54	11	E.
25	1	12	1	E.
28	14	30	41	E.
Sept. 1	3	48	30	E.
4	17	7	2	E.
8	6	24	42	E.
11	19	43	13	E.
15	9	0	53	E.
18	22	19	13	E.
22	11	36	51	E.
26	0	55	5	E.
29	14	12	41	E.
Okt. 3	3	30	46	E.
6	16	48	20	E.
10	6	6	19	E.
13	19	23	48	E.
17	8	41	44	E.
20	21	59	10	E.
24	11	17	0	E.
28	0	34	20	E.
31	13	52	5	E.
Nov. 4	3	9	27	E.
7	16	27	4	E.
11	5	44	23	E.
14	19	2	0	E.
18	8	19	15	E.
21	21	36	46	E.
25	10	54	2	E.
29	0	11	28	E.
Dez. 2	13	28	43	E.
6	2	46	9	E.
9	16	3	25	E.
13	5	20	46	E.
16	18	38	3	E.
20	7	55	22	E.
23	21	12	40	E.
27	10	30	0	E.
30	23	47	19	E.

TRABANT III

	h	m	s	
Jan. 6	5	2	18	E.
6	7	13	2	A.
13	9	3	12	E.
13	11	15	14	A.
20	13	4	13	E.
20	15	17	32	A.
27	17	4	37	E.
27	19	19	14	A.
Febr. 3	21	5	3	E.
3	23	20	58	A.
11	1	5	53	E.
11	3	23	5	A.
18	5	6	51	E.
18	7	25	22	A.
25	9	8	28	E.
25	11	28	17	A.
März 4	13	9	21	E.
4	15	30	28	A.
11	17	10	10	E.
11	19	32	37	A.
18	21	10	23	E.
18	23	34	9	A.
26	1	10	32	E.
26	3	35	36	A.
April 2	5	11	2	E.
2	7	37	23	A.
9	9	11	34	E.
9	11	39	15	A.
16	13	12	41	E.
16	15	41	40	A.
23	17	13	0	E.
23	19	43	18	A.
30	21	13	12	E.
30	23	44	49	A.
Mai 8	3	45	40	A.
15	7	46	26	A.
Juli 11	13	7	48	E.
18	17	6	54	E.
25	21	6	34	E.
Aug. 2	1	5	26	E.
2	3	53	30	A.
9	5	4	9	E.
9	7	53	25	A.
16	9	2	18	E.
16	11	52	47	A.

TRABANT III

	h	m	s	
Aug. 23	13	0	27	E.
23	15	52	8	A.
30	16	59	3	E.
30	19	51	56	A.
Sept. 6	20	57	41	E.
6	23	51	45	A.
14	0	56	56	E.
14	3	52	10	A.
21	4	55	24	E.
21	7	51	47	A.
28	8	53	45	E.
28	11	51	16	A.
Okt. 5	12	51	38	E.
5	15	50	18	A.
12	16	49	35	E.
12	19	49	22	A.
19	20	48	6	E.
19	23	49	1	A.
27	0	46	41	E.
27	3	48	43	A.
Nov. 3	4	45	56	E.
3	7	49	4	A.
10	8	44	30	E.
10	11	48	42	A.
17	12	43	1	E.
17	15	48	16	A.
24	16	41	11	E.
24	19	47	29	A.
Dez. 1	20	39	32	E.
9	0	38	34	E.
16	4	37	45	E.
23	8	37	41	E.
30	12	37	0	E.

TRABANT IV

	h	m	s	
Nov. 8	3	25	38	E.
8	4	18	3	A.
24	21	16	16	E.
24	22	40	14	A.
Dez. 11	15	11	22	E.
11	16	57	47	A.
28	9	8	47	E.

Mittlere Zeit Greenwich	α	β	p_a	a	b	U'	B'	P'
1918	"	"	"	"	"	°	°	°
Jan. −1.5	20.06	18.15	−0.02	45.20	−12.71	325.277	−17.698	−22.770
+2.5	20.16	18.23	0.02	45.40	12.87	325.421	17.647	22.812
6.5	20.24	18.31	0.01	45.58	13.01	325.564	17.595	22.853
10.5	20.30	18.37	0.01	45.73	13.14	325.708	17.544	22.895
14.5	20.36	18.43	0.01	45.86	13.26	325.851	17.492	22.936
18.5	20.41	18.48	−0.00	45.96	−13.38	325.995	−17.441	−22.977
22.5	20.44	18.51	0.00	46.04	13.50	326.138	17.389	23.018
26.5	20.45	18.53	0.00	46.08	13.62	326.282	17.337	23.059
30.5	20.47	18.54	0.00	46.10	13.74	326.425	17.285	23.100
Febr. 3.5	20.47	18.53	0.00	46.08	13.85	326.568	17.233	23.141
7.5	20.45	18.52	+0.00	46.04	−13.93	326.711	−17.181	−23.181
11.5	20.42	18.49	0.00	45.98	14.01	326.854	17.129	23.221
15.5	20.38	18.46	0.01	45.89	14.07	326.997	17.077	23.261
19.5	20.32	18.41	0.01	45.76	14.13	327.140	17.025	23.301
23.5	20.25	18.36	0.01	45.61	14.17	327.283	16.973	23.340
27.5	20.18	18.29	+0.02	45.45	−14.20	327.426	−16.921	−23.380
März 3.5	20.10	18.22	0.02	45.26	14.21	327.568	16.868	23.419
7.5	20.00	18.13	0.02	45.04	14.20	327.711	16.816	23.458
11.5	19.90	18.04	0.03	44.81	14.19	327.853	16.763	23.497
15.5	19.79	17.94	0.03	44.57	14.17	327.995	16.710	23.536
19.5	19.67	17.84	+0.03	44.31	−14.13	328.137	−16.657	−23.575
23.5	19.55	17.72	0.04	44.03	14.08	328.279	16.604	23.614
27.5	19.42	17.62	0.04	43.74	14.01	328.421	16.551	23.652
31.5	19.29	17.50	0.05	43.45	13.94	328.563	16.498	23.690
April 4.5	19.16	17.38	0.05	43.15	13.86	328.704	16.445	23.728
8.5	19.02	17.26	+0.05	42.85	−13.76	328.846	−16.392	−23.766
12.5	18.88	17.13	0.05	42.54	13.66	328.987	16.338	23.803
16.5	18.75	17.00	0.05	42.23	13.55	329.129	16.285	23.841
20.5	18.61	16.88	0.06	41.92	13.44	329.270	16.231	23.878
24.5	18.47	16.75	0.05	41.61	13.31	329.411	16.178	23.915
28.5	18.33	16.63	+0.05	41.31	−13.18	329.552	−16.124	−23.952
Mai 2.5	18.20	16.51	0.05	41.01	13.05	329.693	16.070	23.989
6.5	18.07	16.39	0.05	40.71	12.91	329.834	16.016	24.025
10.5	17.94	16.27	0.05	40.41	12.76	329.975	15.962	24.062
14.5	17.82	16.16	0.05	40.13	12.61	330.115	15.908	24.098
18.5	17.70	16.05	+0.05	39.86	−12.46	330.256	−15.854	−24.134
22.5	17.58	15.94	0.05	39.60	12.31	330.396	15.800	24.170
26.5	17.47	15.84	0.04	39.35	12.16	330.536	15.746	24.206
30.5	17.36	15.74	0.04	39.11	12.00	330.676	15.692	24.241
Juni 3.5	17.26	15.64	0.04	38.88	11.85	330.816	15.638	24.277
7.5	17.16	15.55	+0.04	38.66	−11.69	330.956	−15.583	−24.312
11.5	17.07	15.46	0.03	38.45	11.53	331.096	15.529	24.347
15.5	16.98	15.38	0.03	38.25	11.37	331.236	15.474	24.382
19.5	16.90	15.30	0.03	38.06	11.21	331.376	15.419	24.417
23.5	16.82	15.23	0.02	37.89	11.06	331.515	15.364	24.451
27.5	16.75	15.16	+0.02	37.73	−10.90	331.655	−15.309	−24.485
Juli 1.5	16.69	15.10	0.02	37.58	10.74	331.794	15.254	24.519

Mittlere Zeit Greenwich	α	β	p_a	a	b	U'	B'	P'
1918	″	″	″	″	″	°	°	°
Juli 1.5	16.69	15.10	+0.02	37.58	−10.74	331.794	−15.254	−24.519
5.5	16.63	15.04	0.01	37.45	10.59	331.934	15.199	24.553
9.5	16.58	14.99	0.01	37.33	10.45	332.073	15.144	24.587
13.5	16.53	14.94	0.01	37.22	10.30	332.212	15.089	24.621
17.5	16.49	14.90	0.01	37.13	10.15	332.351	15.033	24.654
21.5	16.45	14.87	+0.00	37.05	−10.00	332.490	−14.978	−24.688
25.5	16.42	14.84	0.00	36.99	9.86	332.628	14.922	24.721
29.5	16.40	14.82	0.00	36.94	9.72	332.767	14.867	24.754
Aug. 2.5	16.38	14.80	0.00	36.90	9.58	332.905	14.811	24.787
6.5	16.37	14.79	0.00	36.88	9.44	333.044	14.756	24.820
10.5	16.37	14.78	−0.00	36.87	− 9.31	333.182	−14.700	−24.852
14.5	16.37	14.78	0.00	36.87	9.18	333.321	14.644	24.885
18.5	16.38	14.79	0.00	36.89	9.05	333.459	14.588	24.917
22.5	16.39	14.80	0.00	36.92	8.93	333.597	14.532	24.949
26.5	16.41	14.81	0.00	36.97	8.81	333.735	14.476	24.981
30.5	16.44	14.83	−0.00	37.03	− 8.69	333.873	−14.420	−25.013
Sept. 3.5	16.47	14.85	0.01	37.10	8.58	334.011	14.364	25.044
7.5	16.51	14.88	0.01	37.19	8.47	334.149	14.308	25.076
11.5	16.56	14.92	0.01	37.29	8.37	334.287	14.252	25.107
15.5	16.61	14.96	0.01	37.40	8.27	334.425	14.196	25.138
19.5	16.67	15.01	−0.02	37.53	− 8.17	334.562	−14.139	−25.169
23.5	16.73	15.07	0.02	37.67	8.08	334.699	14.083	25.200
27.5	16.80	15.13	0.02	37.83	8.00	334.836	14.026	25.230
Okt. 1.5	16.87	15.19	0.02	38.00	7.92	334.973	13.970	25.260
5.5	16.95	15.26	0.03	38.19	7.85	335.110	13.913	25.290
9.5	17.04	15.34	−0.03	38.38	− 7.78	335.247	−13.857	−25.320
13.5	17.13	15.42	0.03	38.59	7.72	335.384	13.800	25.350
17.5	17.23	15.51	0.04	38.81	7.66	335.521	13.744	25.380
21.5	17.33	15.60	0.04	39.04	7.61	335.657	13.687	25.409
25.5	17.44	15.70	0.04	39.28	7.57	335.794	13.630	25.439
29.5	17.55	15.80	−0.05	39.53	− 7.54	335.930	−13.573	−25.468
Nov. 2.5	17.67	15.90	0.05	39.80	7.52	336.066	13.516	25.497
6.5	17.79	16.01	0.05	40.07	7.50	336.203	13.459	25.526
10.5	17.91	16.12	0.05	40.35	7.50	336.339	13.402	25.555
14.5	18.04	16.23	0.05	40.63	7.50	336.475	13.345	25.583
18.5	18.17	16.34	−0.05	40.92	− 7.51	336.611	−13.288	−25.611
22.5	18.30	16.46	0.05	41.22	7.53	336.747	13.230	25.639
26.5	18.43	16.58	0.05	41.52	7.56	336.883	13.173	25.667
30.5	18.57	16.70	0.05	41.82	7.60	337.018	13.115	25.695
Dez. 4.5	18.71	16.82	0.05	42.13	7.65	337.154	13.058	25.723
8.5	18.84	16.94	−0.05	42.43	− 7.70	337.289	−13.000	−25.750
12.5	18.97	17.06	0.05	42.73	7.77	337.425	12.943	25.778
16.5	19.10	17.18	0.04	43.03	7.84	337.560	12.885	25.805
20.5	19.23	17.30	0.04	43.32	7.92	337.696	12.828	25.832
24.5	19.35	17.41	0.04	43.60	8.01	337.831	12.770	25.859
28.5	19.47	17.52	−0.03	43.87	− 8.11	337.967	−12.713	−25.886
32.5	19.59	17.63	0.03	44.13	8.23	338.102	12.655	25.912

Mittlere Zeit Greenwich	U	B	P	Mittlere Zeit Greenwich	U	B	P
1918				1918			
Jan. −1.5	11°.137	−16°.334	−7°.050	März 31.5	5°.545	−18°.720	−7°.221
+0.5	11.026	16.386	7.054	April 2.5	5.518	18.730	7.221
2.5	10.911	16.440	7.058	4.5	5.498	18.738	7.222
4.5	10.790	16.497	7.062	6.5	5.485	18.743	7.222
6.5	10.664	16.555	7.067	8.5	5.480	18.745	7.223
8.5	10.534	−16.614	−7.071	10.5	5.481	−18.744	−7.223
10.5	10.401	16.675	7.076	12.5	5.490	18.740	7.223
12.5	10.264	16.738	7.081	14.5	5.506	18.733	7.223
14.5	10.123	16.801	7.086	16.5	5.529	18.723	7.222
16.5	9.978	16.866	7.091	18.5	5.559	18.711	7.221
18.5	9.831	−16.931	−7.096	20.5	5.596	−18.696	−7.220
20.5	9.681	16.997	7.101	22.5	5.639	18.679	7.219
22.5	9.529	17.064	7.107	24.5	5.690	18.659	7.217
24.5	9.376	17.131	7.112	26.5	5.748	18.637	7.216
26.5	9.222	17.199	7.117	28.5	5.812	18.612	7.214
28.5	9.066	−17.266	−7.122	30.5	5.883	−18.584	−7.212
30.5	8.910	17.334	7.128	Mai 2.5	5.960	18.553	7.210
Febr. 1.5	8.753	17.402	7.132	4.5	6.044	18.520	7.208
3.5	8.597	17.469	7.137	6.5	6.135	18.485	7.206
5.5	8.441	17.536	7.141	8.5	6.232	18.447	7.203
7.5	8.286	−17.602	−7.146	10.5	6.334	−18.407	−7.200
9.5	8.132	17.667	7.151	12.5	6.442	18.364	7.197
11.5	7.979	17.731	7.156	14.5	6.556	18.319	7.194
13.5	7.828	17.794	7.161	16.5	6.676	18.271	7.191
15.5	7.680	17.856	7.165	18.5	6.803	18.221	7.188
17.5	7.534	−17.917	−7.168	20.5	6.936	−18.169	−7.185
19.5	7.391	17.976	7.173	22.5	7.073	18.114	7.181
21.5	7.251	18.034	7.177	24.5	7.216	18.058	7.177
23.5	7.114	18.090	7.180	26.5	7.363	17.999	7.173
25.5	6.981	18.144	7.184	28.5	7.516	17.938	7.168
27.5	6.853	−18.197	−7.187	30.5	7.673	−17.875	−7.163
März 1.5	6.729	18.247	7.191	Juni 1.5	7.835	17.810	7.159
3.5	6.610	18.296	7.194	3.5	8.001	17.743	7.154
5.5	6.496	18.343	7.197	5.5	8.172	17.674	7.149
7.5	6.387	18.387	7.200	7.5	8.348	17.603	7.144
9.5	6.283	−18.429	−7.203	9.5	8.528	−17.530	−7.139
11.5	6.184	18.469	7.206	11.5	8.713	17.456	7.133
13.5	6.091	18.506	7.208	13.5	8.902	17.380	7.127
15.5	6.004	18.540	7.210	15.5	9.094	17.302	7.121
17.5	5.923	18.572	7.212	17.5	9.289	17.223	7.115
19.5	5.848	−18.601	−7.214	19.5	9.488	−17.142	−7.108
21.5	5.781	18.627	7.216	21.5	9.691	17.059	7.101
23.5	5.720	18.651	7.217	23.5	9.896	16.975	7.094
25.5	5.666	18.672	7.218	25.5	10.105	16.889	7.087
27.5	5.619	18.691	7.219	27.5	10.316	16.802	7.080
29.5	5.579	−18.707	−7.220	29.5	10.530	−16.714	−7.073
31.5	5.545	18.720	7.221	Juli 1.5	10.746	16.624	7.065

Mittlere Zeit Greenwich	U	B	P	Mittlere Zeit Greenwich	U	B	P
1918				1918			
Juli 1.5	10°.746	−16°.624	−7°.065	Okt. 1.5	21°.275	−12°.027	−6°.587
3.5	10.966	16.532	7.057	3.5	21.467	11.941	6.576
5.5	11.188	16.439	7.049	5.5	21.655	11.856	6.565
7.5	11.412	16.345	7.041	7.5	21.840	11.773	6.555
9.5	11.638	16.250	7.032	9.5	22.020	11.692	6.545
11.5	11.866	−16.154	−7.024	11.5	22.197	−11.613	−6.535
13.5	12.096	16.058	7.015	13.5	22.369	11.536	6.525
15.5	12.327	15.961	7.007	15.5	22.537	11.461	6.515
17.5	12.560	15.862	6.998	17.5	22.700	11.388	6.505
19.5	12.795	15.763	6.989	19.5	22.858	11.317	6.496
21.5	13.031	−15.663	−6.980	21.5	23.012	−11.249	−6.487
23.5	13.268	15.562	6.971	23.5	23.161	11.183	6.479
25.5	13.506	15.461	6.961	25.5	23.305	11.119	6.471
27.5	13.745	15.359	6.951	27.5	23.444	11.058	6.463
29.5	13.985	15.256	6.941	29.5	23.578	11.000	6.455
31.5	14.225	−15.152	−6.931	31.5	23.707	−10.945	−6.447
Aug. 2.5	14.465	15.048	6.920	Nov. 2.5	23.830	10.892	6.440
4.5	14.706	14.944	6.910	4.5	23.948	10.842	6.433
6.5	14.947	14.839	6.899	6.5	24.060	10.794	6.427
8.5	15.188	14.734	6.889	8.5	24.166	10.750	6.421
16.5	15.429	−14.629	−6.878	10.5	24.267	−10.708	−6.415
12.5	15.670	14.524	6.867	12.5	24.362	10.670	6.409
14.5	15.911	14.418	6.856	14.5	24.451	10.634	6.404
16.5	16.151	14.313	6.845	16.5	24.533	10.602	6.399
18.5	16.391	14.207	6.834	18.5	24.609	10.572	6.394
20.5	16.631	−14.101	−6.823	20.5	24.678	−10.545	−6.390
22.5	16.870	13.996	6.812	22.5	24.741	10.522	6.386
24.5	17.108	13.891	6.801	24.5	24.797	10.502	6.383
26.5	17.345	13.786	6.789	26.5	24.846	10.485	6.380
28.5	17.581	13.681	6.778	28.5	24.889	10.472	6.378
30.5	17.815	−13.577	−6.766	30.5	24.926	−10.462	−6.376
Sept. 1.5	18.048	13.474	6.755	Dez. 2.5	24.956	10.455	6.374
3.5	18.279	13.371	6.743	4.5	24.979	10.452	6.373
5.5	18.509	13.269	6.731	6.5	24.996	10.452	6.372
7.5	18.736	13.167	6.720	8.5	25.005	10.456	6.371
9.5	18.962	−13.066	−6.709	10.5	25.007	−10.463	−6.371
11.5	19.185	12.966	6.698	12.5	25.003	10.473	6.372
13.5	19.406	12.867	6.687	14.5	24.992	10.486	6.373
15.5	19.625	12.769	6.676	16.5	24.974	10.503	6.375
17.5	19.841	12.673	6.665	18.5	24.951	10.523	6.377
19.5	20.055	−12.577	−6.654	20.5	24.919	−10.547	−6.379
21.5	20.267	12.483	6.642	22.5	24.882	10.573	6.381
23.5	20.475	12.390	6.631	24.5	24.838	10.603	6.384
25.5	20.680	12.297	6.620	26.5	24.788	10.636	6.387
27.5	20.882	12.205	6.609	28.5	24.731	10.672	6.390
29.5	21.080	−12.115	−6.598	30.5	24.668	−10.711	−6.394
Okt. 1.5	21.275	12.027	6.587	32.5	24.600	10.753	6.398

MIMAS

Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$	Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1918					1918				
Jan. −1.5	35°.738	353°.59	1.48857	−8″.66	März 17.5	311°.388	191°.24	1.48120	−9″.64
+0.5	79.730	35.58	1.48954	−8.71	19.5	355.379	233.23	1.47990	−9.63
2.5	123.721	77.57	1.49048	−8.76	21.5	39.370	275.22	1.47856	−9.61
4.5	167.712	119.56	1.49135	−8.80	23.5	83.360	317.21	1.47719	−9.60
6.5	211.703	161.55	1.49217	−8.85	25.5	127.351	359.20	1.47579	−9.58
8.5	255.694	203.55	1.49293	−8.90	27.5	171.342	41.20	1.47436	−9.55
10.5	299.685	245.54	1.49364	−8.94	29.5	215.333	83.19	1.47291	−9.53
12.5	343.676	287.53	1.49428	−8.99	31.5	259.324	125.18	1.47143	−9.50
14.5	27.667	329.52	1.49486	−9.03	April 2.5	303.314	167.17	1.46993	−9.48
16.5	71.658	11.51	1.49538	−9.08	4.5	347.305	209.16	1.46841	−9.44
18.5	115.650	53.50	1.49583	−9.12	6.5	31.296	251.15	1.46687	−9.41
20.5	159.641	95.50	1.49622	−9.16	8.5	75.286	293.14	1.46532	−9.38
22.5	203.632	137.49	1.49654	−9.21	10.5	119.277	335.13	1.46376	−9.35
24.5	247.623	179.48	1.49680	−9.25	12.5	163.268	17.12	1.46218	−9.31
26.5	291.614	221.48	1.49699	−9.29	14.5	207.259	59.11	1.46059	−9.28
28.5	335.605	263.47	1.49711	−9.32	16.5	251.250	101.10	1.45900	−9.24
30.5	19.596	305.46	1.49716	−9.36	18.5	295.240	143.09	1.45741	−9.20
Febr. 1.5	63.587	347.45	1.49715	−9.40	20.5	339.231	185.08	1.45581	−9.16
3.5	107.578	29.44	1.49707	−9.43	22.5	23.222	227.07	1.45421	−9.11
5.5	151.569	71.43	1.49692	−9.46	24.5	67.212	269.06	1.45261	−9.07
7.5	195.560	113.42	1.49670	−9.49	26.5	111.203	311.05	1.45101	−9.03
9.5	239.552	155.41	1.49642	−9.52	28.5	155.194	353.04	1.44942	−8.98
11.5	283.543	197.40	1.49607	−9.54	30.5	199.185	35.04	1.44783	−8.94
13.5	327.534	239.39	1.49565	−9.57	Mai 2.5	243.176	77.03	1.44625	−8.89
15.5	11.525	281.38	1.49517	−9.59	4.5	287.167	119.02	1.44468	−8.84
17.5	55.516	323.37	1.49463	−9.61	6.5	331.157	161.01	1.44312	−8.79
19.5	99.506	5.36	1.49403	−9.63	8.5	15.148	203.00	1.44157	−8.75
21.5	143.497	47.35	1.49336	−9.64	10.5	59.138	244.99	1.44003	−8.70
23.5	187.488	89.34	1.49263	−9.65	12.5	103.129	286.98	1.43851	−8.65
25.5	231.479	131.33	1.49185	−9.66	14.5	147.119	328.97	1.43700	−8.60
27.5	275.470	173.32	1.49101	−9.67	16.5	191.110	10.96	1.43552	−8.55
März 1.5	319.461	215.31	1.49011	−9.68	18.5	235.100	52.95	1.43405	−8.50
3.5	3.452	257.30	1.48917	−9.68	20.5	279.091	94.94	1.43260	−8.44
5.5	47.443	299.29	1.48817	−9.68	22.5	323.081	136.93	1.43117	−8.39
7.5	91.434	341.28	1.48712	−9.68	24.5	7.072	178.92	1.42976	−8.34
9.5	135.425	23.27	1.48602	−9.68	26.5	51.062	220.91	1.42838	−8.29
11.5	179.416	65.26	1.48488	−9.68	28.5	95.053	262.90	1.42703	−8.23
13.5	223.407	107.26	1.48369	−9.67	30.5	139.044	304.89	1.42570	−8.18
15.5	267.398	149.25	1.48246	−9.66	Juni 1.5	183.034	346.88	1.42439	−8.13
17.5	311.388	191.24	1.48120	−9.64					

Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$	Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$

MIMAS

Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$	Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1918					1918				
Okt. 13.5	250°.380	280°.23	1.41987	— 5″.26	Nov. 22.5	50°.176	40°.02	1.44852	— 5″.13
15.5	294.370	322.22	1.42109	— 5.24	24.5	94.166	82.01	1.45010	— 5.14
17.5	338.360	4.21	1.42233	— 5.22	26.5	138.155	124.00	1.45168	— 5.15
19.5	22.350	46.20	1.42360	— 5.20	28.5	182.144	165.99	1.45327	— 5.16
21.5	66.340	88.19	1.42490	— 5.19	30.5	226.134	207.98	1.45485	— 5.18
23.5	110.330	130.18	1.42623	— 5.18	Dez. 2.5	270.124	249.97	1.45642	— 5.19
25.5	154.320	172.17	1.42758	— 5.16	4.5	314.114	291.96	1.45799	— 5.21
27.5	198.310	214.16	1.42896	— 5.15	6.5	358.103	333.95	1.45956	— 5.23
29.5	242.299	256.15	1.43036	— 5.14	8.5	42.093	15.94	1.46111	— 5.25
31.5	286.289	298.14	1.43179	— 5.13	10.5	86.083	57.93	1.46264	— 5.27
Nov. 2.5	330.278	340.13	1.43323	— 5.12	12.5	130.072	99.92	1.46417	— 5.29
4.5	14.268	22.12	1.43470	— 5.12	14.5	174.062	141.91	1.46568	— 5.32
6.5	58.258	64.11	1.43618	— 5.11	16.5	218.052	183.90	1.46717	— 5.34
8.5	102.247	106.10	1.43768	— 5.11	18.5	262.042	225.89	1.46864	— 5.37
10.5	146.237	148.08	1.43920	— 5.11	20.5	306.032	267.88	1.47008	— 5.40
12.5	190.227	190.07	1.44073	— 5.11	22.5	350.022	309.87	1.47150	— 5.43
14.5	234.217	232.06	1.44227	— 5.11	24.5	34.011	351.86	1.47290	— 5.47
16.5	278.207	274.05	1.44382	— 5.11	26.5	78.001	33.85	1.47426	— 5.50
18.5	322.196	316.04	1.44538	— 5.12	28.5	121.991	75.83	1.47559	— 5.54
20.5	6.186	358.03	1.44694	— 5.12	30.5	165.980	117.82	1.47688	— 5.57
22.5	50.176	40.02	1.44852	— 5.13	32.5	209.970	159.81	1.47814	— 5.61

ENCELADUS

Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$	Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
Jan. −1.5	307°.585	177°.0	1.59678	−11″.12	Jan. 28.5	269°.533	128°.9	1.60532	−11″.96
+0.5	113.048	341.8	1.59775	−11.18	30.5	74.997	293.7	1.60537	−12.01
2.5	278.511	146.6	1.59869	−11.23	Febr. 1.5	240.460	98.5	1.60536	−12.05
4.5	83.974	311.4	1.59956	−11.29	3.5	45.924	263.3	1.60528	−12.10
6.5	249.438	116.2	1.60038	−11.34	5.5	211.387	68.1	1.60513	−12.14
8.5	54.901	281.0	1.60114	−11.41	7.5	16.851	232.8	1.60491	−12.18
10.5	220.364	85.8	1.60185	−11.47	9.5	182.314	37.6	1.60463	−12.21
12.5	25.827	250.6	1.60249	−11.53	11.5	347.778	202.4	1.60428	−12.24
14.5	191.290	55.4	1.60307	−11.59	13.5	153.241	7.2	1.60386	−12.27
16.5	356.753	220.2	1.60359	−11.65	15.5	318.705	172.0	1.60338	−12.30
18.5	162.216	25.0	1.60404	−11.70	17.5	124.168	336.8	1.60284	−12.33
20.5	327.680	189.8	1.60443	−11.76	19.5	289.632	141.6	1.60224	−12.35
22.5	133.143	354.5	1.60475	−11.81	21.5	95.096	306.4	1.60157	−12.37
24.5	298.606	159.3	1.60501	−11.86	23.5	260.559	111.1	1.60084	−12.38
26.5	104.070	324.1	1.60520	−11.91	25.5	66.023	275.9	1.60006	−12.40
28.5	269.533	128.9	1.60532	−11.96	27.5	231.486	80.7	1.59922	−12.41

ENCELADUS

Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$	Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1918					1918				
Febr. 27.5	231°.486	80°.7	1.59922	−12″.41	Mai 18.5	10°.039	192°.2	1.54226	−10″.90
März 1.5	36.949	245.5	1.59832	−12.42	20.5	175.503	357.0	1.54081	−10.83
3.5	202.413	50.3	1.59738	−12.42	22.5	340.967	161.8	1.53938	−10.76
5.5	7.877	215.1	1.59638	−12.42	24.5	146.431	326.6	1.53797	−10.70
7.5	173.340	19.9	1.59533	−12.42	26.5	311.895	131.4	1.53659	−10.63
9.5	338.804	184.7	1.59423	−12.42	28.5	117.359	296.2	1.53524	−10.56
11.5	144.268	349.4	1.59309	−12.41	30.5	282.823	101.0	1.53391	−10.50
13.5	309.731	154.2	1.59190	−12.40	Juni 1.5	88.287	265.7	1.53260	−10.43
15.5	115.195	319.0	1.59067	−12.39					
17.5	280.658	123.8	1.58941	−12.37					
19.5	86.122	288.6	1.58811	−12.36	Okt. 13.5	14.407	146.6	1.52808	− 6.75
21.5	251.586	93.4	1.58677	−12.33	15.5	179.872	311.4	1.52930	− 6.72
23.5	57.050	258.2	1.58540	−12.31	17.5	345.336	116.2	1.53054	− 6.70
25.5	222.513	63.0	1.58400	−12.28	19.5	150.801	281.0	1.53181	− 6.68
27.5	27.977	227.8	1.58257	−12.26	21.5	316.265	85.7	1.53311	− 6.66
29.5	193.441	32.6	1.58112	−12.23	23.5	121.730	250.5	1.53444	− 6.64
31.5	358.904	197.4	1.57964	−12.19	25.5	287.195	55.3	1.53579	− 6.62
April 2.5	164.368	2.1	1.57814	−12.16	27.5	92.659	220.1	1.53717	− 6.61
4.5	329.832	166.9	1.57662	−12.12	29.5	258.124	24.9	1.53857	− 6.59
6.5	135.296	331.7	1.57508	−12.08	31.5	63.589	189.7	1.54000	− 6.58
8.5	300.760	136.5	1.57353	−12.04	Nov. 2.5	229.054	354.5	1.54144	− 6.57
10.5	106.224	301.3	1.57197	−11.99	4.5	34.518	159.2	1.54291	− 6.56
12.5	271.688	106.0	1.57039	−11.95	6.5	199.983	324.0	1.54439	− 6.56
14.5	77.152	270.8	1.56880	−11.90	8.5	5.448	128.8	1.54589	− 6.55
16.5	242.616	75.6	1.56721	−11.85	10.5	170.912	293.6	1.54741	− 6.55
18.5	48.080	240.4	1.56562	−11.80	12.5	336.377	98.4	1.54894	− 6.55
20.5	213.543	45.2	1.56402	−11.75	14.5	141.842	263.2	1.55048	− 6.55
22.5	19.007	210.0	1.56242	−11.69	16.5	307.307	68.0	1.55203	− 6.56
24.5	184.471	14.8	1.56082	−11.64	18.5	112.772	232.8	1.55359	− 6.56
26.5	349.935	179.6	1.55922	−11.58	20.5	278.236	37.6	1.55515	− 6.57
28.5	155.398	344.4	1.55763	−11.52	22.5	83.701	202.4	1.55673	− 6.58
30.5	320.862	149.2	1.55604	−11.46	24.5	249.165	7.1	1.55831	− 6.59
Mai 2.5	126.326	313.9	1.55446	−11.41	26.5	54.630	171.9	1.55989	− 6.60
4.5	291.790	118.7	1.55289	−11.35	28.5	220.094	336.7	1.56148	− 6.62
6.5	97.254	283.5	1.55133	−11.28	30.5	25.559	141.5	1.56306	− 6.64
8.5	262.718	88.3	1.54978	−11.22	Dez. 2.5	191.024	306.3	1.56463	− 6.66
10.5	68.182	253.1	1.54824	−11.16	4.5	356.489	111.1	1.56620	− 6.68
12.5	233.647	57.9	1.54672	−11.09	6.5	161.954	275.9	1.56777	− 6.71
14.5	39.111	222.6	1.54521	−11.03	8.5	327.418	80.6	1.56932	− 6.73
16.5	204.575	27.4	1.54373	−10.96	10.5	132.883	245.4	1.57085	− 6.76
18.5	10.039	192.2	1.54226	−10.90	12.5	298.348	50.2	1.57238	− 6.79

Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$	Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
				ENCELADUS					
1918					1918				
Dez. 12.5	298°.348	50°.2	1.57238	— 6″.79	Dez. 22.5	45°.673	154°.2	1.57971	— 6″.97
14.5	103.813	215.0	1.57389	— 6.82	24.5	211.137	319.0	1.58111	— 7.01
16.5	269.278	19.8	1.57538	— 6.86	26.5	16.602	123.8	1.58247	— 7.05
18.5	74.743	184.6	1.57685	— 6.89	28.5	182.067	288.6	1.58380	— 7.10
20.5	240.208	349.4	1.57829	— 6.93	30.5	347.532	93.4	1.58509	— 7.15
22.5	45.673	154.2	1.57971	— 6.97	32.5	152.996	258.2	1.58635	— 7.20
				TETHYS					
Jan. −1.5	69°.719		1.68948	—13″.76	März 1.5	12°.983		1.69102	—15″.37
+0.5	91.115		1.69045	—13.84	3.5	34.378		1.69008	—15.38
2.5	112.511		1.69139	—13.91	5.5	55.774		1.68908	—15.38
4.5	133.906		1.69226	—13.98	7.5	77.170		1.68803	—15.38
6.5	155.302		1.69308	—14.05	9.5	98.565		1.68693	—15.37
8.5	176.698		1.69384	—14.13	11.5	119.961		1.68579	—15.37
10.5	198.093		1.69455	—14.21	13.5	141.356		1.68460	—15.35
12.5	219.489		1.69519	—14.28	15.5	162.752		1.68337	—15.34
14.5	240.884		1.69577	—14.35	17.5	184.148		1.68211	—15.32
16.5	262.280		1.69629	—14.42	19.5	205.543		1.68081	—15.30
18.5	283.676		1.69674	—14.49	21.5	226.939		1.67947	—15.27
20.5	305.072		1.69713	—14.55	23.5	248.334		1.67810	—15.24
22.5	326.467		1.69745	—14.62	25.5	269.730		1.67670	—15.21
24.5	347.863		1.69771	—14.69	27.5	291.125		1.67527	—15.17
26.5	9.258		1.69790	—14.75	29.5	312.520		1.67382	—15.14
28.5	30.654		1.69802	—14.81	31.5	333.916		1.67234	—15.09
30.5	52.049		1.69807	—14.87	April 2.5	355.311		1.67084	—15.05
Febr. 1.5	73.445		1.69806	—14.92	4.5	16.707		1.66932	—15.00
3.5	94.841		1.69798	—14.98	6.5	38.103		1.66778	—14.95
5.5	116.236		1.69783	—15.02	8.5	59.499		1.66623	—14.90
7.5	137.632		1.69761	—15.07	10.5	80.894		1.66467	—14.85
9.5	159.027		1.69733	—15.12	12.5	102.290		1.66309	—14.79
11.5	180.423		1.69698	—15.16	14.5	123.685		1.66150	—14.73
13.5	201.818		1.69656	—15.20	16.5	145.081		1.65991	—14.67
15.5	223.214		1.69608	—15.23	18.5	166.476		1.65832	—14.60
17.5	244.610		1.69554	—15.26	20.5	187.872		1.65672	—14.54
19.5	266.006		1.69494	—15.29	22.5	209.268		1.65512	—14.47
21.5	287.401		1.69427	—15.31	24.5	230.663		1.65352	—14.41
23.5	308.797		1.69354	—15.33	26.5	252.059		1.65192	—14.34
25.5	330.192		1.69276	—15.35	28.5	273.455		1.65033	—14.27
27.5	351.588		1.69192	—15.36	30.5	294.850		1.64874	—14.19
März 1.5	12.983		1.69102	—15.37	Mai 2.5	316.246		1.64716	—14.12

TETHYS

Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$	Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1918					1918				
Mai 2.5	316°.246		1.64716	−14″.12	Nov. 4.5	146°.037		1.63561	− 8″.13
4.5	337.641		1.64559	−14.04	6.5	167.432		1.63709	− 8.12
6.5	359.036		1.64403	−13.97	8.5	188.828		1.63859	− 8.12
8.5	20.432		1.64248	−13.89	10.5	210.223		1.64011	− 8.11
10.5	41.828		1.64094	−13.81	12.5	231.619		1.64164	− 8.11
12.5	63.223		1.63942	−13.73	14.5	253.014		1.64318	− 8.12
14.5	84.619		1.63791	−13.65	16.5	274.410		1.64473	− 8.12
16.5	106.014		1.63643	−13.57	18.5	295.805		1.64629	− 8.13
18.5	127.410		1.63496	−13.49	20.5	317.201		1.64785	− 8.14
20.5	148.806		1.63351	−13.41	22.5	338.597		1.64943	− 8.15
22.5	170.201		1.63208	−13.33	24.5	359.992		1.65101	− 8.16
24.5	191.597		1.63067	−13.24	26.5	21.388		1.65259	− 8.18
26.5	212.992		1.62929	−13.16	28.5	42.783		1.65418	− 8.20
28.5	234.388		1.62794	−13.08	30.5	64.179		1.65576	− 8.22
30.5	255.783		1.62661	−12.99	Dez. 2.5	85.575		1.65733	− 8.24
Juni 1.5	277.179		1.62530	−12.91	4.5	106.971		1.65890	− 8.27
					6.5	128.366		1.66047	− 8.30
					8.5	149.762		1.66202	− 8.34
Okt. 13.5	270.685		1.62078	− 8.35	10.5	171.158		1.66355	− 8.37
15.5	292.081		1.62200	− 8.32	12.5	192.553		1.66508	− 8.41
17.5	313.477		1.62324	− 8.29	14.5	213.949		1.66659	− 8.45
19.5	334.872		1.62451	− 8.27	16.5	235.345		1.66808	− 8.49
21.5	356.268		1.62581	− 8.24	18.5	256.741		1.66955	− 8.53
23.5	17.663		1.62714	− 8.22	20.5	278.137		1.67099	− 8.58
25.5	39.059		1.62849	− 8.20	22.5	299.532		1.67241	− 8.63
27.5	60.455		1.62987	− 8.18	24.5	320.928		1.67381	− 8.68
29.5	81.850		1.63127	− 8.16	26.5	342.323		1.67517	− 8.74
31.5	103.246		1.63270	− 8.15	28.5	3.719		1.67650	− 8.79
Nov. 2.5	124.641		1.63414	− 8.14	30.5	25.115		1.67779	− 8.85
4.5	146.037		1.63561	− 8.13	32.5	46.510		1.67905	− 8.91

DIONE

Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$	Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
Jan. −1.5	219°.158	9°.0	1.79695	−17″.62	Jan. 12.5	260°.645	49°.3	1.80266	−18″.28
+0.5	122.227	271.9	1.79792	−17.72	14.5	163.715	312.2	1.80324	−18.37
2.5	25.297	174.8	1.79886	−17.81	16.5	66.785	215.1	1.80376	−18.46
4.5	288.366	77.7	1.79973	−17.90	18.5	329.854	118.0	1.80421	−18.55
6.5	191.436	340.6	1.80055	−18.00	20.5	232.924	20.9	1.80460	−18.64
8.5	94.505	243.5	1.80131	−18.10	22.5	135.993	283.8	1.80492	−18.73
10.5	357.575	146.4	1.80202	−18.19	24.5	39.063	186.7	1.80518	−18.81
12.5	260.645	49.3	1.80266	−18.28	26.5	302.133	89.6	1.80537	−18.89

DIONE

Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$	Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1918					1918				
Jan. 26.5	302°.133	89°.6	1.80537	−18″.89	April 16.5	24°.921	165°.6	1.76738	−18″.79
28.5	205.203	352.5	1.80549	−18.97	18.5	287.991	68.5	1.76579	−18.71
30.5	108.273	255.4	1.80554	−19.04	20.5	191.060	331.4	1.76419	−18.63
Febr. 1.5	11.343	158.3	1.80553	−19.11	22.5	94.130	234.3	1.76259	−18.54
3.5	274.413	61.2	1.80545	−19.18	24.5	357.200	137.2	1.76099	−18.45
5.5	177.482	324.1	1.80530	−19.24	26.5	260.269	40.1	1.75939	−18.37
7.5	80.552	227.0	1.80508	−19.31	28.5	163.339	303.0	1.75780	−18.27
9.5	343.622	129.9	1.80480	−19.36	30.5	66.409	205.9	1.75621	−18.18
11.5	246.691	32.8	1.80445	−19.41	Mai 2.5	329.478	108.8	1.75463	−18.08
13.5	149.761	295.7	1.80403	−19.46	4.5	232.548	11.7	1.75306	−17.99
15.5	52.831	198.6	1.80355	−19.51	6.5	135.618	274.6	1.75150	−17.89
17.5	315.901	101.5	1.80301	−19.54	8.5	38.688	177.5	1.74995	−17.79
19.5	218.971	4.4	1.80241	−19.58	10.5	301.757	80.4	1.74841	−17.69
21.5	122.040	267.3	1.80174	−19.61	12.5	204.827	343.3	1.74689	−17.59
23.5	25.110	170.2	1.80101	−19.64	14.5	107.896	246.2	1.74538	−17.49
25.5	288.180	73.1	1.80023	−19.66	16.5	10.966	149.1	1.74390	−17.38
27.5	191.249	336.0	1.79939	−19.68	18.5	274.036	52.0	1.74243	−17.28
März 1.5	94.319	238.9	1.79849	−19.69	20.5	177.105	314.9	1.74098	−17.18
3.5	357.388	141.8	1.79755	−19.70	22.5	80.175	217.8	1.73955	−17.07
5.5	260.458	44.7	1.79655	−19.70	24.5	343.245	120.7	1.73814	−16.96
7.5	163.528	307.6	1.79550	−19.70	26.5	246.315	23.6	1.73676	−16.85
9.5	66.597	210.5	1.79440	−19.69	28.5	149.384	286.5	1.73541	−16.75
11.5	329.667	113.4	1.79326	−19.68	30.5	52.454	189.4	1.73408	−16.64
13.5	232.737	16.3	1.79207	−19.66	Juni 1.5	315.524	92.3	1.73277	−16.53
15.5	135.806	279.2	1.79084	−19.64					
17.5	38.876	182.1	1.78958	−19.62	Okt. 13.5	301.186	66.7	1.72825	−10.70
19.5	301.946	85.0	1.78828	−19.59	15.5	204.256	329.6	1.72947	−10.66
21.5	205.016	347.9	1.78694	−19.56	17.5	107.325	232.5	1.73071	−10.62
23.5	108.085	250.8	1.78557	−19.52	19.5	10.395	135.4	1.73198	−10.59
25.5	11.155	153.7	1.78417	−19.47	21.5	273.465	38.3	1.73328	−10.56
27.5	274.225	56.6	1.78274	−19.43	23.5	176.534	301.2	1.73461	−10.53
29.5	177.294	319.5	1.78129	−19.38	25.5	79.604	204.1	1.73596	−10.50
31.5	80.364	222.4	1.77981	−19.33	27.5	342.674	107.0	1.73734	−10.48
April 2.5	343.433	125.3	1.77831	−19.27	29.5	245.743	9.8	1.73874	−10.46
4.5	246.503	28.2	1.77679	−19.21	31.5	148.813	272.7	1.74017	−10.44
6.5	149.573	291.1	1.77525	−19.15	Nov. 2.5	51.882	175.6	1.74161	−10.42
8.5	52.643	194.0	1.77370	−19.08	4.5	314.952	78.5	1.74308	−10.41
10.5	315.712	96.9	1.77214	−19.01	6.5	218.021	341.4	1.74456	−10.40
12.5	218.782	359.8	1.77056	−18.94	8.5	121.091	244.3	1.74606	−10.40
14.5	121.852	262.7	1.76897	−18.87	10.5	24.160	147.2	1.74758	−10.39
16.5	24.921	165.6	1.76738	−18.79	12.5	287.230	50.1	1.74911	−10.39

DIONE

Mittlere Zeit Greenwich	L	M	log $\frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta}$ sin B	Mittlere Zeit Greenwich	L	M	log $\frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta}$ sin B
1918					1918				
Nov. 12.5	287°.230	50°.1	1.74911	—10″.39	Dez. 8.5	107°.134	227°.8	1.76949	—10″.67
14.5	190.299	313.0	1.75065	—10.39	10.5	10.204	130.7	1.77102	—10.72
16.5	93.369	215.9	1.75220	—10.40	12.5	273.274	33.6	1.77255	—10.77
18.5	356.438	118.8	1.75376	—10.41	14.5	176.344	296.5	1.77406	—10.82
20.5	259.508	21.7	1.75532	—10.42	16.5	79.413	199.4	1.77555	—10.87
22.5	162.578	284.6	1.75690	—10.43	18.5	342.483	102.3	1.77702	—10.93
24.5	65.647	187.5	1.75848	—10.45	20.5	245.552	5.2	1.77846	—10.99
26.5	328.717	90.4	1.76006	—10.47	22.5	148.622	268.1	1.77988	—11.05
28.5	231.787	353.3	1.76165	—10.50	24.5	51.692	171.0	1.78128	—11.12
30.5	134.856	256.2	1.76323	—10.53	26.5	314.762	73.9	1.78264	—11.19
Dez. 2.5	37.926	159.1	1.76480	—10.56	28.5	217.831	336.8	1.78397	—11.26
4.5	300.995	62.0	1.76637	—10.59	30.5	120.901	239.7	1.78526	—11.33
6.5	204.065	324.9	1.76794	—10.63	32.5	23.970	142.7	1.78652	—11.41
8.5	107.134	227.8	1.76949	—10.67					

RHEA

Mittlere Zeit Greenwich	L	M	log $\frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta}$ sin B	Mittlere Zeit Greenwich	L	M	log $\frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta}$ sin B
Jan. −1.5	298°.475	189°.1	1.94199	—24″.60	Febr. 13.5	4°.214	253°.7	1.94907	—27″.18
+0.5	97.855	348.5	1.94296	—24.74	15.5	163.594	53.0	1.94859	—27.24
2.5	257.235	147.8	1.94390	—24.87	17.5	322.974	212.3	1.94805	—27.30
4.5	56.615	307.1	1.94477	—25.01	19.5	122.354	11.7	1.94745	—27.34
6.5	215.995	106.5	1.94559	—25.14	21.5	281.734	171.0	1.94678	—27.39
8.5	15.374	265.8	1.94635	—25.27	23.5	81.114	330.3	1.94605	—27.42
10.5	174.754	65.1	1.94706	—25.40	25.5	240.494	129.7	1.94527	—27.45
12.5	334.134	224.5	1.94770	—25.53	27.5	39.874	289.0	1.94443	—27.48
14.5	133.514	23.8	1.94828	—25.66	März 1.5	199.254	88.3	1.94353	—27.50
16.5	292.894	183.2	1.94880	—25.79	3.5	358.633	247.6	1.94259	—27.51
18.5	92.274	342.5	1.94925	—25.91	5.5	158.013	46.9	1.94159	—27.51
20.5	251.654	141.9	1.94964	—26.03	7.5	317.393	206.3	1.94054	—27.51
22.5	51.034	301.2	1.94996	—26.15	9.5	116.773	5.6	1.93944	—27.50
24.5	210.414	100.5	1.95022	—26.27	11.5	276.153	164.9	1.93830	—27.48
26.5	9.794	259.8	1.95041	—26.38	13.5	75.533	324.2	1.93711	—27.46
28.5	169.174	59.1	1.95053	—26.48	15.5	234.913	123.6	1.93588	—27.43
30.5	328.554	218.4	1.95058	—26.59	17.5	34.293	282.9	1.93462	—27.40
Febr. 1.5	127.934	17.7	1.95057	—26.69	19.5	193.673	82.2	1.93332	—27.36
3.5	287.314	177.1	1.95049	—26.78	21.5	353.053	241.5	1.93198	—27.31
5.5	86.694	336.4	1.95034	—26.87	23.5	152.433	40.8	1.93061	—27.26
7.5	246.074	135.7	1.95012	—26.95	25.5	311.813	200.1	1.92921	—27.20
9.5	45.454	295.1	1.94984	—27.04	27.5	111.193	359.5	1.92778	—27.14
11.5	204.834	94.4	1.94949	—27.11	29.5	270.573	158.8	1.92633	—27.07
13.5	4.214	253.7	1.94907	—27.18	31.5	69.952	318.1	1.92485	—27.00

RHEA

Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$	Mittlere Zeit Greenwich	L	M	$\log \frac{a(\Delta)}{\Delta}$	$\frac{a(\Delta)}{\Delta} \sin B$
1918					1918				
März 31.5	69.°952	318.°1	1.92485	—27.″00	Okt. 19.5	327.°327	210.°0	1.87702	—14.″78
April 2.5	229.332	117.4	1.92335	—26.92	21.5	126.707	9.3	1.87832	—14.74
4.5	28.712	276.8	1.92183	—26.83	23.5	286.087	168.7	1.87965	—14.70
6.5	188.092	76.1	1.92029	—26.74	25.5	85.467	328.0	1.88100	—14.66
8.5	347.472	235.5	1.91874	—26.65	27.5	244.847	127.3	1.88238	—14.63
10.5	146.852	34.8	1.91718	—26.56	29.5	44.226	286.6	1.88378	—14.60
12.5	306.232	194.1	1.91560	—26.45	31.5	203.606	85.9	1.88521	—14.57
14.5	105.612	353.5	1.91401	—26.35	Nov. 2.5	2.986	245.3	1.88665	—14.55
16.5	264.992	152.8	1.91242	—26.24	4.5	162.366	44.6	1.88812	—14.54
18.5	64.372	312.1	1.91083	—26.13	6.5	321.746	203.9	1.88960	—14.52
20.5	223.751	111.4	1.90923	—26.01	8.5	121.126	3.3	1.89110	—14.51
22.5	23.131	270.7	1.90763	—25.89	10.5	280.506	162.6	1.89262	—14.51
24.5	182.511	70.0	1.90603	—25.77	12.5	79.886	321.9	1.89415	—14.51
26.5	341.891	229.4	1.90443	—25.64	14.5	239.265	121.2	1.89569	—14.51
28.5	141.271	28.7	1.90284	—25.52	16.5	38.645	280.5	1.89724	—14.52
30.5	300.651	188.0	1.90125	—25.39	18.5	198.025	79.9	1.89880	—14.53
Mai 2.5	100.031	347.4	1.89967	—25.26	20.5	357.405	239.2	1.90036	—14.55
4.5	259.411	146.7	1.89810	—25.12	22.5	156.785	38.5	1.90194	—14.57
6.5	58.791	306.0	1.89654	—24.98	24.5	316.165	197.9	1.90352	—14.60
8.5	218.171	105.3	1.89499	—24.85	26.5	115.545	357.2	1.90510	—14.63
10.5	17.551	264.6	1.89345	—24.71	28.5	274.925	156.5	1.90669	—14.66
12.5	176.931	63.9	1.89193	—24.56	30.5	74.305	315.8	1.90827	—14.70
14.5	336.311	223.3	1.89042	—24.42	Dez. 2.5	233.685	115.1	1.90984	—14.74
16.5	135.691	22.6	1.88894	—24.28	4.5	33.065	274.5	1.91141	—14.79
18.5	295.071	181.9	1.88747	—24.13	6.5	192.445	73.8	1.91298	—14.85
20.5	94.451	341.3	1.88602	—23.98	8.5	351.825	233.1	1.91453	—14.91
22.5	253.830	140.6	1.88459	—23.84	10.5	151.205	32.5	1.91606	—14.97
24.5	53.210	299.9	1.88318	—23.69	12.5	310.585	191.8	1.91759	—15.04
26.5	212.590	99.2	1.88180	—23.54	14.5	109.965	351.1	1.91910	—15.10
28.5	11.970	258.5	1.88045	—23.39	16.5	269.345	150.4	1.92059	—15.18
30.5	171.350	57.9	1.87912	—23.24	18.5	68.725	309.7	1.92206	—15.26
Juni 1.5	330.730	217.2	1.87781	—23.08	20.5	228.105	109.0	1.92350	—15.34
					22.5	27.485	268.3	1.92492	—15.44
					24.5	186.865	67.7	1.92632	—15.53
Okt. 13.5	209.187	92.0	1.87329	—14.94	26.5	346.245	227.1	1.92768	—15.63
15.5	8.567	251.3	1.87451	—14.88	28.5	145.625	26.4	1.92901	—15.73
17.5	167.947	50.6	1.87575	—14.83	30.5	305.005	185.7	1.93030	—15.83
19.5	327.327	210.0	1.87702	—14.78	32.5	104.385	345.0	1.93156	—15.94

Bewegung der mittleren Länge *L* und der mittleren Anomalie *M*

Zeit	Mimas		Enceladus		Tethys	Dione		Rhea	
	L	*M*	*L*	*M*	*L*	*L*	*M*	*L*	*M*
d 1	21°995	21°00	262°732	262°4	190°698	131°535	131°5	79°690	79°7
h 1	15.916	15.87	10.947	10.9	7.946	5.481	5.5	3.320	3.3
2	31.833	31.75	21.894	21.9	15.892	10.961	11.0	6.641	6.6
3	47.749	47.62	32.842	32.8	23.838	16.442	16.4	9.961	10.0
4	63.666	63.50	43.789	43.7	31.783	21.923	21.9	13.282	13.3
5	79.582	79.37	54.736	54.7	39.729	27.403	27.4	16.602	16.6
6	95.499	95.25	65.683	65.6	47.675	32.884	32.9	19.923	19.9
7	111.415	111.12	76.630	76.5	55.621	38.364	38.4	23.244	23.2
8	127.332	127.00	87.577	87.5	63.566	43.845	43.8	26.564	26.6
9	143.248	142.87	98.525	98.4	71.512	49.326	49.3	29.884	29.9
10	159.165	158.75	109.472	109.3	79.458	54.806	54.8	33.205	33.2
11	175.081	174.62	120.419	120.3	87.403	60.287	60.3	36.525	36.5
12	190.997	190.50	131.366	131.2	95.349	65.767	65.7	39.845	39.8
13	206.914	206.37	142.313	142.1	103.295	71.248	71.2	43.166	43.2
14	222.830	222.25	153.260	153.1	111.241	76.729	76.7	46.486	46.5
15	238.747	238.12	164.208	164.0	119.186	82.209	82.2	49.806	49.8
16	254.663	254.00	175.155	174.9	127.132	87.690	87.7	53.127	53.1
17	270.580	269.87	186.102	185.9	135.078	93.171	93.1	56.447	56.5
18	286.498	285.75	197.049	196.8	143.024	98.651	98.6	59.768	59.8
19	302.413	301.62	207.997	207.7	150.970	104.132	104.1	63.088	63.1
20	318.329	317.50	218.944	218.7	158.916	109.613	109.6	66.409	66.4
21	334.246	333.37	229.891	229.6	166.861	115.093	115.1	69.729	69.7
22	350.162	349.25	240.838	240.5	174.806	120.574	120.5	73.050	73.1
23	6.079	5.12	251.785	251.5	182.752	126.054	126.0	76.370	76.4
m 1	0.265	0.26	0.182	0.2	0.132	0.091	0.1	0.055	0.0
2	0.531	0.53	0.365	0.4	0.265	0.183	0.2	0.111	0.1
3	0.796	0.79	0.548	0.5	0.397	0.274	0.3	0.166	0.1
4	1.062	1.06	0.730	0.7	0.530	0.366	0.4	0.222	0.2
5	1.327	1.32	0.912	0.9	0.662	0.457	0.4	0.277	0.2
6	1.592	1.58	1.095	1.1	0.795	0.548	0.5	0.332	0.3
7	1.857	1.85	1.278	1.3	0.927	0.640	0.6	0.387	0.3
8	2.122	2.11	1.460	1.4	1.060	0.731	0.7	0.442	0.4
9	2.388	2.38	1.642	1.6	1.192	0.822	0.8	0.497	0.4
10	2.653	2.64	1.825	1.8	1.324	0.914	0.9	0.553	0.5
20	5.305	5.29	3.649	3.6	2.649	1.827	1.8	1.107	1.1
30	7.958	7.93	5.474	5.4	3.973	2.740	2.7	1.660	1.6
40	10.611	10.58	7.298	7.3	5.297	3.654	3.7	2.214	2.2
50	13.263	13.22	9.123	9.1	6.622	4.567	4.6	2.767	2.7
s 10	0.044	0.04	0.030	0.0	0.022	0.015	0.0	0.009	0.0
20	0.088	0.09	0.061	0.1	0.044	0.030	0.0	0.018	0.0
30	0.133	0.13	0.091	0.1	0.066	0.046	0.0	0.028	0.0
40	0.177	0.17	0.122	0.1	0.088	0.061	0.1	0.037	0.0
50	0.221	0.22	0.152	0.2	0.110	0.076	0.1	0.046	0.0

M	Mimas ±(v−M)	Mimas log r/a	Enceladus ±(v−M)	Enceladus log r/a	Dione ±(v−M)	Dione log r/a	Rhea ±(v−M)	Rhea log r/a	M
0°	0°.000	9.99167	0°.000	9.99800	0°.000	9.99913	0°.000	9.99961	360°
2	0.078	9.99167	0.018	9.99800	0.008	9.99913	0.004	9.99961	358
4	0.156	9.99169	0.037	9.99800	0.016	9.99913	0.007	9.99961	356
6	0.233	9.99172	0.055	9.99801	0.024	9.99913	0.011	9.99961	354
8	0.310	9.99175	0.074	9.99802	0.032	9.99914	0.014	9.99961	352
10	0.387	9.99180	0.092	9.99803	0.040	9.99914	0.018	9.99961	350
12	0.463	9.99186	0.110	9.99804	0.048	9.99915	0.021	9.99962	348
14	0.539	9.99193	0.128	9.99806	0.056	9.99916	0.025	9.99962	346
16	0.614	9.99201	0.146	9.99808	0.063	9.99916	0.028	9.99962	344
18	0.688	9.99210	0.164	9.99810	0.071	9.99917	0.032	9.99963	342
20	0.762	9.99220	0.181	9.99812	0.079	9.99918	0.035	9.99963	340
22	0.834	9.99230	0.199	9.99814	0.086	9.99919	0.039	9.99964	338
24	0.905	9.99242	0.216	9.99817	0.093	9.99921	0.042	9.99964	336
26	0.975	9.99255	0.232	9.99820	0.101	9.99922	0.045	9.99965	334
28	1.044	9.99269	0.249	9.99823	0.108	9.99923	0.048	9.99966	332
30	1.111	9.99284	0.265	9.99827	0.115	9.99925	0.052	9.99966	330
32	1.177	9.99299	0.281	9.99830	0.122	9.99926	0.055	9.99967	328
34	1.242	9.99316	0.296	9.99834	0.128	9.99928	0.058	9.99968	326
36	1.305	9.99333	0.311	9.99838	0.135	9.99930	0.061	9.99968	324
38	1.366	9.99351	0.326	9.99842	0.141	9.99931	0.064	9.99969	322
40	1.425	9.99370	0.340	9.99847	0.148	9.99933	0.066	9.99970	320
42	1.483	9.99390	0.354	9.99852	0.154	9.99935	0.069	9.99971	318
44	1.538	9.99410	0.368	9.99856	0.159	9.99937	0.072	9.99972	316
46	1.592	9.99431	0.381	9.99861	0.165	9.99940	0.074	9.99973	314
48	1.644	9.99453	0.393	9.99866	0.171	9.99942	0.077	9.99974	312
50	1.693	9.99476	0.405	9.99872	0.176	9.99944	0.079	9.99975	310
52	1.741	9.99499	0.417	9.99877	0.181	9.99947	0.081	9.99976	308
54	1.786	9.99523	0.428	9.99883	0.186	9.99949	0.083	9.99977	306
56	1.829	9.99547	0.438	9.99889	0.190	9.99951	0.085	9.99978	304
58	1.870	9.99572	0.448	9.99895	0.195	9.99954	0.087	9.99979	302
60	1.908	9.99598	0.458	9.99901	0.199	9.99957	0.089	9.99980	300
62	1.944	9.99623	0.467	9.99907	0.203	9.99959	0.091	9.99982	298
64	1.977	9.99650	0.475	9.99913	0.206	9.99962	0.093	9.99983	296
66	2.008	9.99676	0.483	9.99919	0.210	9.99965	0.094	9.99984	294
68	2.036	9.99704	0.490	9.99926	0.213	9.99967	0.096	9.99985	292
70	2.062	9.99731	0.496	9.99932	0.216	9.99970	0.097	9.99987	290
72	2.086	9.99759	0.502	9.99939	0.218	9.99973	0.098	9.99988	288
74	2.106	9.99787	0.508	9.99946	0.220	9.99976	0.099	9.99989	286
76	2.124	9.99815	0.512	9.99952	0.222	9.99979	0.100	9.99991	284
78	2.140	9.99843	0.516	9.99959	0.224	9.99982	0.101	9.99992	282
80	2.153	9.99872	0.520	9.99966	0.226	9.99985	0.102	9.99993	280
82	2.163	9.99900	0.523	9.99973	0.227	9.99988	0.102	9.99995	278
84	2.170	9.99929	0.525	9.99980	0.228	9.99991	0.103	9.99996	276
86	2.175	9.99958	0.526	9.99987	0.229	9.99994	0.103	9.99997	274
88	2.177	9.99987	0.527	9.99994	0.229	9.99997	0.103	9.99999	272
90	2.177	0.00016	0.527	0.00001	0.229	0.00000	0.103	0.00000	270

M	Mimas		Enceladus		Dione		Rhea		M
	$\pm(v-M)$	$\log \frac{r}{a}$	$\pm(v-M)$	$\log \frac{r}{a}$	$\pm(v-M)$	$\log \frac{r}{a}$	$\pm(v-M)$	$\log \frac{r}{a}$	
90°	2°.177	0.00016	0°.527	0.00001	0°.229	0.00000	0°.103	0.00000	270°
92	2.174	0.00044	0.527	0.00008	0.229	0.00003	0.103	0.00001	268
94	2.168	0.00073	0.526	0.00015	0.229	0.00006	0.103	0.00003	266
96	2.159	0.00101	0.524	0.00022	0.228	0.00009	0.103	0.00004	264
98	2.148	0.00130	0.522	0.00029	0.227	0.00012	0.102	0.00005	262
100	2.135	0.00158	0.519	0.00035	0.226	0.00015	0.102	0.00007	260
102	2.119	0.00186	0.515	0.00042	0.224	0.00018	0.101	0.00008	258
104	2.100	0.00214	0.511	0.00049	0.222	0.00021	0.100	0.00009	256
106	2.079	0.00241	0.506	0.00056	0.220	0.00024	0.099	0.00011	254
108	2.055	0.00268	0.500	0.00062	0.218	0.00027	0.098	0.00012	252
110	2.029	0.00295	0.494	0.00069	0.215	0.00030	0.097	0.00013	250
112	2.000	0.00321	0.488	0.00075	0.212	0.00033	0.096	0.00015	248
114	1.969	0.00347	0.480	0.00082	0.209	0.00035	0.094	0.00016	246
116	1.936	0.00373	0.473	0.00088	0.206	0.00038	0.093	0.00017	244
118	1.901	0.00398	0.464	0.00094	0.202	0.00041	0.091	0.00018	242
120	1.863	0.00422	0.455	0.00100	0.198	0.00044	0.089	0.00019	240
122	1.823	0.00446	0.446	0.00106	0.194	0.00046	0.087	0.00021	238
124	1.781	0.00469	0.436	0.00112	0.190	0.00049	0.085	0.00022	236
126	1.737	0.00492	0.425	0.00118	0.185	0.00051	0.083	0.00023	234
128	1.691	0.00514	0.414	0.00123	0.180	0.00053	0.081	0.00024	232
130	1.643	0.00536	0.402	0.00129	0.175	0.00056	0.079	0.00025	230
132	1.593	0.00557	0.390	0.00134	0.170	0.00058	0.077	0.00026	228
134	1.541	0.00577	0.378	0.00139	0.164	0.00060	0.074	0.00027	226
136	1.487	0.00597	0.365	0.00144	0.159	0.00062	0.072	0.00028	224
138	1.431	0.00616	0.351	0.00148	0.153	0.00065	0.069	0.00029	222
140	1.374	0.00634	0.337	0.00153	0.147	0.00067	0.066	0.00030	220
142	1.316	0.00651	0.323	0.00157	0.141	0.00068	0.064	0.00031	218
144	1.256	0.00668	0.308	0.00162	0.134	0.00070	0.061	0.00032	216
146	1.194	0.00683	0.293	0.00166	0.128	0.00072	0.058	0.00032	214
148	1.131	0.00698	0.278	0.00169	0.121	0.00074	0.055	0.00033	212
150	1.067	0.00713	0.262	0.00173	0.114	0.00075	0.052	0.00034	210
152	1.001	0.00726	0.246	0.00176	0.107	0.00077	0.048	0.00034	208
154	0.934	0.00738	0.230	0.00179	0.100	0.00078	0.045	0.00035	206
156	0.867	0.00750	0.213	0.00182	0.093	0.00079	0.042	0.00036	204
158	0.798	0.00760	0.196	0.00185	0.086	0.00080	0.039	0.00036	202
160	0.728	0.00770	0.179	0.00187	0.078	0.00081	0.035	0.00037	200
162	0.658	0.00779	0.162	0.00190	0.071	0.00082	0.032	0.00037	198
164	0.587	0.00787	0.144	0.00192	0.063	0.00083	0.028	0.00037	196
166	0.515	0.00794	0.127	0.00193	0.055	0.00084	0.025	0.00038	194
168	0.442	0.00800	0.109	0.00195	0.048	0.00085	0.021	0.00038	192
170	0.369	0.00805	0.091	0.00196	0.040	0.00085	0.018	0.00038	190
172	0.296	0.00810	0.073	0.00197	0.032	0.00086	0.014	0.00039	188
174	0.222	0.00813	0.055	0.00198	0.024	0.00086	0.011	0.00039	186
176	0.148	0.00815	0.037	0.00199	0.016	0.00086	0.007	0.00039	184
178	0.074	0.00817	0.018	0.00199	0.008	0.00087	0.004	0.00039	182
180	0.000	0.00817	0.000	0.00199	0.000	0.00087	0.000	0.00039	180

Mittlere Zeit Greenwich	ϑ Mimas	ϑ Encel.	ϑ Tethys	ϑ Dione	ϑ Rhea	γ Rhea	N Saturnsring	J Saturnsring	ω Saturnsring
1917 Dez. 29.5	227.8°	132.5°	60.5°	339.0°	104.9°	18.99′	127.133°	6.849°	42.361°
1918 Jan. 14.5	211.8	125.8	57.3	337.6	104.4	18.97	127.134	6.849	42.360
30.5	195.8	119.1	54.2	336.2	104.0	18.96	127.136	6.849	42.359
Febr. 15.5	179.8	112.4	51.0	334.8	103.6	18.95	127.138	6.848	42.358
März 3.5	163.8	105.7	47.8	333.4	103.2	18.94	127.140	6.848	42.356
19.5	147.8	99.0	44.6	332.1	102.7	18.92	127.142	6.848	42.355
April 4.5	131.7	92.3	41.4	330.7	102.3	18.91	127.144	6.848	42.354
20.5	115.7	85.6	38.2	329.4	101.8	18.90	127.145	6.848	42.352
Mai 6.5	99.7	79.0	35.0	328.0	101.3	18.88	127.147	6.848	42.351
22.5	83.7	72.3	31.8	326.7	100.8	18.86	127.149	6.847	42.350
Juni 7.5	67.7	65.6	28.6	325.3	100.3	18.84	127.151	6.847	42.349
23.5	51.7	59.0	25.5	324.0	99.8	18.83	127.152	6.847	42.348
Juli 9.5	35.7	52.3	22.4	322.6	99.3	18.81	127.154	6.847	42.346
25.5	19.7	45.6	19.2	321.2	98.9	18.80	127.156	6.847	42.345
Aug. 10.5	3.7	38.9	16.0	319.8	98.4	18.79	127.158	6.846	42.344
26.5	347.7	32.2	12.8	318.5	97.9	18.78	127.160	6.846	42.342
Sept. 11.5	331.7	25.5	9.6	317.1	97.4	18.77	127.161	6.846	42.341
27.5	315.7	18.8	6.5	315.8	97.0	18.76	127.163	6.846	42.340
Okt. 13.5	299.7	12.1	3.3	314.4	96.5	18.75	127.165	6.846	42.339
29.5	283.7	5.4	0.1	313.0	96.0	18.73	127.167	6.845	42.338
Nov. 14.5	267.7	358.8	357.0	311.6	95.6	18.72	127.168	6.845	42.336
30.5	251.7	352.1	353.8	310.3	95.1	18.70	127.170	6.845	42.335
Dez. 16.5	235.7	345.4	350.6	308.9	94.6	18.69	127.172	6.845	42.334
1919 Jan. 1.5	219.7	338.7	347.4	307.6	94.2	18.68	127.174	6.845	42.333

$\log \frac{1}{1+\zeta}$, in Einheiten der 5. Dezimale

u − U		Mimas	Encel.	Tethys	Dione	Rhea	u − U	
0°	360°	−6+	−7+	−9+	−11+	−16+	180°	180°
10	350	−6+	−7+	−9+	−11+	−16+	170	190
20	340	−5+	−7+	−8+	−11+	−15+	160	200
30	330	−5+	−6+	−8+	−10+	−14+	150	210
40	320	−4+	−6+	−7+	− 9+	−12+	140	220
50	310	−3+	−5+	−6+	− 8+	−10+	130	230
60	300	−3+	−4+	−4+	− 6+	− 8+	120	240
70	290	−2+	−3+	−3+	− 4+	− 6+	110	250
80	280	−1+	−1+	−2+	− 2+	− 3+	100	260
90	270	0	0	0	0	0	90	270

Mittlere Zeit Greenwich	TITAN			HYPERION			JAPETUS		
	U	*B*	*P*	*U*	*B*	*P*	*U*	*B*	*P*
1918									
Jan. −1.5	12.609	−16.226	−6.652	7.846	−16.791	−6.474	84.878	−3.214	−1.338
+0.5	12.498	16.277	6.656	7.732	16.842	6.477	84.766	3.256	1.367
2.5	12.383	16.330	6.661	7.615	16.896	6.480	84.649	3.300	1.397
4.5	12.262	16.385	6.666	7.493	16.952	6.483	84.526	3.345	1.428
6.5	12.136	16.442	6.670	7.365	17.008	6.486	84.399	3.391	1.460
8.5	12.006	−16.501	−6.675	7.233	−17.066	−6.490	84.269	−3.439	−1.493
10.5	11.872	16.561	6.680	7.097	17.126	6.494	84.136	3.487	1.528
12.5	11.734	16.623	6.686	6.958	17.186	6.498	84.000	3.536	1.564
14.5	11.593	16.686	6.691	6.816	17.248	6.502	83.860	3.586	1.600
16.5	11.449	16.750	6.696	6.671	17.311	6.506	83.717	3.638	1.637
18.5	11.302	−16.815	−6.701	6.523	−17.375	−6.510	83.571	−3.690	−1.675
20.5	11.152	16.880	6.707	6.372	17.440	6.514	83.423	3.743	1.714
22.5	11.000	16.946	6.712	6.220	17.506	6.518	83.273	3.796	1.754
24.5	10.846	17.012	6.718	6.066	17.572	6.522	83.120	3.848	1.794
26.5	10.691	17.079	6.723	5.911	17.639	6.526	82.966	3.901	1.835
28.5	10.535	−17.146	−6.728	5.755	−17.706	−6.530	82.811	−3.953	−1.876
30.5	10.378	17.212	6.734	5.599	17.772	6.534	82.656	4.006	1.916
Febr. 1.5	10.221	17.278	6.739	5.441	17.838	6.538	82.501	4.060	1.957
3.5	10.065	17.344	6.744	5.283	17.903	6.541	82.347	4.113	1.997
5.5	9.909	17.409	6.749	5.124	17.968	6.545	82.193	4.166	2.038
7.5	9.754	−17.474	−6.754	4.967	−18.032	−6.548	82.040	−4.219	−2.078
9.5	9.600	17.538	6.759	4.810	18.096	6.552	81.888	4.271	2.118
11.5	9.447	17.601	6.764	4.655	18.159	6.555	81.737	4.322	2.158
13.5	9.296	17.663	6.769	4.503	18.221	6.558	81.588	4.372	2.197
15.5	9.147	17.724	6.773	4.354	18.282	6.561	81.442	4.422	2.236
17.5	9.001	−17.784	−6.777	4.207	−18.341	−6.564	81.299	−4.471	−2.274
19.5	8.857	17.842	6.781	4.063	18.398	6.567	81.159	4.519	2.311
21.5	8.716	17.899	6.785	3.922	18.454	6.570	81.022	4.566	2.347
23.5	8.579	17.954	6.789	3.784	18.508	6.572	80.888	4.612	2.382
25.5	8.446	18.008	6.793	3.650	18.561	6.574	80.758	4.656	2.416
27.5	8.317	−18.060	−6.797	3.520	−18.612	−6.576	80.632	−4.698	−2.449
März 1.5	8.193	18.110	6.801	3.395	18.661	6.578	80.510	4.738	2.481
3.5	8.073	18.158	6.805	3.274	18.708	6.580	80.392	4.777	2.512
5.5	7.958	18.204	6.809	3.158	18.753	6.582	80.279	4.814	2.542
7.5	7.848	18.247	6.812	3.048	18.796	6.584	80.171	4.849	2.570
9.5	7.744	−18.288	−6.815	2.943	−18.837	−6.586	80.069	−4.883	−2.597
11.5	7.645	18.326	6.818	2.843	18.876	6.587	79.973	4.914	2.623
13.5	7.552	18.362	6.820	2.750	18.912	6.589	79.883	4.944	2.647
15.5	7.466	18.396	6.822	2.663	18.945	6.590	79.799	4.972	2.669
17.5	7.386	18.427	6.824	2.583	18.976	6.592	79.721	4.998	2.689
19.5	7.312	18.456	6.826	2.510	19.004	6.593	79.650	5.022	2.708

Mittlere Zeit Greenwich	TITAN			HYPERION			JAPETUS		
	U	*B*	*P*	*U*	*B*	*P*	*U*	*B*	*P*
1918									
März 19.5	7°.312	−18°.456	−6°.826	2°.510	−19°.004	−6°.593	79°.650	−5°.022	−2°.708
21.5	7.244	18.482	6.828	2.442	19.030	6.595	79.584	5.043	2.725
23.5	7.183	18.506	6.829	2.379	19.053	6.596	79.524	5.061	2.740
25.5	7.129	18.527	6.829	2.323	19.074	6.597	79.471	5.077	2.753
27.5	7.081	18.546	6.829	2.274	19.092	6.598	79.424	5.092	2.765
29.5	7.040	−18.562	−6.830	2.233	−19.107	−6.599	79.385	−5.104	−2.775
31.5	7.007	18.575	6.830	2.199	19.120	6.599	79.352	5.115	2.784
April 2.5	6.981	18.585	6.831	2.172	19.130	6.600	79.327	5.124	2.791
4.5	6.961	18.592	6.831	2.152	19.138	6.600	79.308	5.130	2.797
6.5	6.948	18.597	6.832	2.140	19.143	6.601	79.296	5.134	2.801
8.5	6.942	−18.598	−6.832	2.135	−19.145	−6.601	79.291	−5.136	−2.803
10.5	6.943	18.596	6.833	2.137	19.144	6.602	79.294	5.136	2.803
12.5	6.951	18.592	6.833	2.146	19.140	6.602	79.303	5.133	2.801
14.5	6.967	18.585	6.833	2.162	19.133	6.602	79.320	5.127	2.796
16.5	6.990	18.576	6.832	2.184	19.124	6.601	79.343	5.120	2.790
18.5	7.020	−18.564	−6.832	2.213	−19.113	−6.600	79.373	−5.110	−2.782
20.5	7.057	18.550	6.831	2.249	19.099	6.599	79.409	5.098	2.772
22.5	7.100	18.533	6.830	2.292	19.082	6.599	79.452	5.084	2.760
24.5	7.151	18.514	6.828	2.343	19.063	6.598	79.502	5.068	2.747
26.5	7.209	18.492	6.827	2.401	19.041	6.597	79.559	5.050	2.732
28.5	7.273	−18.467	−6.825	2.466	−19.016	−6.596	79.622	−5.030	−2.716
30.5	7.343	18.439	6.823	2.538	18.989	6.595	79.692	5.007	2.697
Mai 2.5	7.421	18.409	6.821	2.616	18.959	6.594	79.768	4.982	2.677
4.5	7.506	18.377	6.819	2.700	18.927	6.593	79.851	4.955	2.655
6.5	7.597	18.342	6.816	2.791	18.892	6.591	79.940	4.926	2.632
8.5	7.694	−18.305	−6.813	2.888	−18.855	−6.590	80.035	−4.895	−2.607
10.5	7.798	18.265	6.810	2.992	18.816	6.588	80.136	4.862	2.580
12.5	7.908	18.223	6.807	3.102	18.775	6.587	80.242	4.828	2.552
14.5	8.023	18.178	6.804	3.217	18.731	6.585	80.355	4.792	2.523
16.5	8.144	18.131	6.801	3.337	18.685	6.583	80.473	4.754	2.492
18.5	8.271	−18.082	−6.798	3.463	−18.636	−6.581	80.597	−4.713	−2.459
20.5	8.403	18.031	6.795	3.595	18.585	6.579	80.727	4.671	2.425
22.5	8.540	17.978	6.791	3.732	18.532	6.576	80.863	4.628	2.389
24.5	8.682	17.923	6.787	3.875	18.477	6.574	81.004	4.583	2.352
26.5	8.830	17.865	6.782	4.023	18.419	6.571	81.150	4.536	2.313
28.5	8.983	−17.806	−6.778	4.177	−18.359	−6.569	81.301	−4.488	−2.273
30.5	9.140	17.744	6.773	4.336	18.297	6.566	81.456	4.438	2.232
Juni 1.5	9.303	17.680	6.768	4.500	18.233	6.563	81.616	4.386	2.190

Mittlere Zeit Greenwich	TITAN			HYPERION			JAPETUS		
	U	*B*	*P*	*U*	*B*	*P*	*U*	*B*	*P*
1918									
Okt. 13.5	23°.876	−11°.502	−6°.122	19°.110	−12°.090	−6°.082	96°.331	+0°.234	+1°.619
15.5	24.044	11.429	6.113	19.278	12.016	6.074	96.505	0.284	1.662
17.5	24.208	11.358	6.104	19.441	11.945	6.067	96.674	0.333	1.705
19.5	24.368	11.289	6.095	19.600	11.875	6.060	96.839	0.381	1.747
21.5	24.522	11.222	6.086	19.755	11.808	6.053	96.999	0.427	1.787
23.5	24.671	−11.157	−6.078	19.905	−11.743	−6.046	97.154	+0.472	+1.826
25.5	24.816	11.094	6.070	20.050	11.680	6.039	97.304	0.515	1.864
27.5	24.956	11.034	6.062	20.190	11.620	6.032	97.449	0.556	1.900
29.5	25.090	10.976	6.054	20.324	11.562	6.026	97.588	0.595	1.935
31.5	25.219	10.921	6.047	20.453	11.507	6.020	97.722	0.632	1.969
Nov. 2.5	25.343	−10.869	−6.041	20.577	−11.455	−6.014	97.850	+0.667	+2.001
4.5	25.461	10.819	6.034	20.695	11.406	6.009	97.972	0.700	2.032
6.5	25.573	10.772	6.028	20.808	11.360	6.004	98.089	0.730	2.061
8.5	25.679	10.728	6.021	20.915	11.317	5.999	98.199	0.758	2.089
10.5	25.779	10.687	6.015	21.015	11.276	5.995	98.304	0.784	2.115
12.5	25.873	−10.649	−6.009	21.109	−11.239	−5.991	98.402	+0.808	+2.139
14.5	25.961	10.614	6.003	21.197	11.204	5.987	98.493	0.830	2.162
16.5	26.044	10.582	5.998	21.279	11.172	5.983	98.578	0.850	2.183
18.5	26.120	10.553	5.994	21.355	11.142	5.979	98.656	0.868	2.202
20.5	26.191	10.527	5.990	21.425	11.115	5.975	98.727	0.884	2.220
22.5	26.255	−10.504	−5.987	21.488	−11.092	−5.972	98.792	+0.898	+2.236
24.5	26.312	10.484	5.984	21.545	11.072	5.969	98.850	0.910	2.251
26.5	26.362	10.468	5.981	21.595	11.055	5.967	98.902	0.920	2.264
28.5	26.405	10.454	5.978	21.638	11.042	5.965	98.946	0.926	2.275
30.5	26.442	10.444	5.976	21.675	11.032	5.963	98.984	0.931	2.285
Dez. 2.5	26.471	−10.437	−5.974	21.705	−11.025	−5.962	99.015	+0.934	+2.293
4.5	26.494	10.434	5.973	21.728	11.022	5.962	99.038	0.935	2.299
6.5	26.510	10.434	5.972	21.744	11.022	5.961	99.054	0.933	2.303
8.5	26.520	10.438	5.972	21.753	11.026	5.961	99.063	0.928	2.305
10.5	26.522	10.445	5.972	21.755	11.032	5.961	99.065	0.921	2.306
12.5	26.518	−10.455	−5.972	21.750	−11.042	−5.962	99.060	+0.911	+2.305
14.5	26.507	10.468	5.973	21.739	11.055	5.962	99.048	0.899	2.302
16.5	26.490	10.485	5.974	21.721	11.072	5.963	99.029	0.884	2.297
18.5	26.466	10.505	5.976	21.696	11.091	5.964	99.003	0.867	2.290
20.5	26.435	10.528	5.978	21.665	11.114	5.966	98.969	0.848	2.282
22.5	26.397	−10.554	−5.980	21.627	−11.140	−5.968	98.929	+0.828	+2.272
24.5	26.353	10.584	5.983	21.583	11.170	5.971	98.882	0.806	2.260
26.5	26.302	10.617	5.986	21.532	11.203	5.974	98.828	0.781	2.247
28.5	26.245	10.653	5.989	21.474	11.239	5.977	98.768	0.753	2.232
30.5	26.181	10.693	5.993	21.410	11.279	5.981	98.701	0.723	2.216
32.5	26.111	10.736	5.997	21.339	11.322	5.985	98.628	0.692	2.198

Mittlere Zeit Greenwich	TITAN $\alpha_{tr}-\alpha_{pl}$ (s)		TITAN $\delta_{tr}-\delta_{pl}$ (″)		HYPERION $\alpha_{tr}-\alpha_{pl}$ (s)		HYPERION $\delta_{tr}-\delta_{pl}$ (″)		JAPETUS $\alpha_{tr}-\alpha_{pl}$ (s)		JAPETUS $\delta_{tr}-\delta_{pl}$ (″)	
1918 Jan. 1.5	−14.28	+1.34	−26.7	−19.5	+16.21	+1.69	− 5.5	+21.7	−39.00	−0.86	− 4.7	−3.1
2.5	−12.94	+3.23	−46.2	−12.9	+17.90	+0.37	+16.2	+20.5	−39.86	−0.58	− 7.8	−3.1
3.5	− 9.71	+4.61	−59.1	− 4.8	+18.27	−0.94	+36.7	+18.0	−40.44	−0.29	−10.9	−3.0
4.5	− 5.10	+5.35	−63.9	+ 4.7	+17.33	−2.14	+54.7	+14.4	−40.73	−0.01	−13.9	−3.0
5.5	+ 0.25	+5.32	−59.2	+13.0	+15.19	−3.18	+69.1	+ 9.9	−40.74	+0.26	−16.9	−2.9
6.5	+ 5.57	+4.52	−46.2	+19.7	+12.01	−3.99	+79.0	+ 4.6	−40.48	+0.54	−19.8	−2.9
7.5	+10.09	+3.01	−26.5	+23.8	+ 8.02	−4.57	+83.6	− 1.2	−39.94	+0.82	−22.7	−2.8
8.5	+13.10	+0.99	− 2.7	+24.3	+ 3.45	−4.81	+82.4	− 7.2	−39.12	+1.08	−25.5	−2.6
9.5	+14.09	−1.28	+21.6	+21.1	− 1.36	−4.71	+75.2	−12.7	−38.04	+1.34	−28.1	−2.5
10.5	+12.81	−3.35	+42.7	+13.9	− 6.07	−4.24	+62.5	−17.8	−36.70	+1.59	−30.6	−2.2
11.5	+ 9.46	−4.97	+56.6	+ 4.7	−10.31	−3.35	+44.7	−21.7	−35.11	+1.82	−32.8	−2.1
12.5	+ 4.49	−5.73	+61.3	− 5.6	−13.66	−2.08	+23.0	−23.8	−33.29	+2.04	−34.9	−1.9
13.5	− 1.24	−5.54	+55.7	−14.9	−15.74	−0.51	− 0.8	−23.9	−31.25	+2.25	−36.8	−1.7
14.5	− 6.78	−4.44	+40.8	−21.6	−16.25	+1.21	−24.7	−21.3	−29.00	+2.44	−38.5	−1.5
15.5	−11.22	−2.67	+19.2	−24.8	−15.04	+2.89	−46.0	−16.2	−26.56	+2.62	−40.0	−1.2
16.5	−13.89	−0.55	− 5.6	−24.0	−12.15	+4.25	−62.2	− 9.3	−23.94	+2.78	−41.2	−0.9
17.5	−14.44	+1.59	−29.6	−19.8	− 7.90	+5.15	−71.5	− 1.5	−21.16	+2.91	−42.1	−0.6
18.5	−12.85	+3.47	−49.4	−12.7	− 2.75	+5.45	−73.0	+ 6.5	−18.25	+3.04	−42.7	−0.4
19.5	− 9.38	+4.78	−62.1	− 3.9	+ 2.70	+5.19	−66.5	+13.3	−15.21	+3.14	−43.1	−0.1
20.5	− 4.60	+5.46	−66.0	+ 5.5	+ 7.89	+4.45	−53.2	+18.3	−12.07	+3.22	−43.2	+0.2
21.5	+ 0.86	+5.33	−60.5	+14.1	+12.34	+3.39	−34.9	+21.5	− 8.85	+3.27	−43.0	+0.5
22.5	+ 6.19	+4.43	−46.4	+20.9	+15.73	+2.11	−13.4	+22.7	− 5.58	+3.31	−42.5	+0.8
23.5	+10.62	+2.85	−25.5	+24.9	+17.84	+0.76	+ 9.3	+22.1	− 2.27	+3.32	−41.7	+1.0
24.5	+13.47	+0.75	− 0.6	+25.0	+18.60	−0.60	+31.4	+20.0	+ 1.05	+3.32	−40.7	+1.4
25.5	+14.22	−1.53	+24.4	+21.2	+18.00	−1.86	+51.4	+16.4	+ 4.37	+3.30	−39.3	+1.6
26.5	+12.69	−3.62	+45.6	+13.8	+16.14	−2.94	+67.8	+12.0	+ 7.67	+3.26	−37.7	+1.9
27.5	+ 9.07	−5.14	+59.4	+ 3.9	+13.20	−3.85	+79.8	+ 6.6	+10.93	+3.19	−35.8	+2.2
28.5	+ 3.93	−5.81	+63.3	− 6.7	+ 9.35	−4.50	+86.4	+ 0.6	+14.12	+3.10	−33.6	+2.4
29.5	− 1.88	−5.50	+56.6	−16.2	+ 4.85	−4.85	+87.0	− 5.5	+17.22	+3.01	−31.2	+2.6
30.5	− 7.38	−4.32	+40.4	−22.8	0.00	−4.83	+81.5	−11.5	+20.23	+2.89	−28.6	+2.8
31.5	−11.70	−2.44	+17.6	−25.6	− 4.83	−4.47	+70.0	−17.0	+23.12	+2.75	−25.8	+3.1
Febr. 1.5	−14.14	−0.30	− 8.0	−24.6	− 9.30	−3.65	+53.0	−21.4	+25.87	+2.60	−22.7	+3.3
2.5	−14.44	+1.84	−32.6	−19.7	−12.95	−2.50	+31.6	−24.5	+28.47	+2.42	−19.4	+3.5
3.5	−12.60	+3.67	−52.3	−12.3	−15.45	−0.98	+ 7.1	−25.1	+30.89	+2.23	−15.9	+3.6
4.5	− 8.93	+4.93	−64.6	− 3.1	−16.43	+0.76	−18.0	−23.2	+33.12	+2.04	−12.3	+3.7
5.5	− 4.00	+5.50	−67.7	+ 6.5	−15.67	+2.46	−41.2	−18.8	+35.16	+1.84	− 8.6	+3.8
6.5	+ 1.50	+5.28	−61.2	+15.2	−13.21	+3.95	−60.0	−12.0	+37.00	+1.61	− 4.8	+3.8
7.5	+ 6.78	+4.29	−46.0	+22.0	− 9.26	+4.99	−72.0	− 4.0	+38.61	+1.38	− 1.0	+3.9
8.5	+11.07	+2.61	−24.0	+25.7	− 4.27	+5.45	−76.0	+ 4.2	+39.99	+1.13	+ 2.9	+4.0
9.5	+13.68		+ 1.7		+ 1.18		−71.8		+41.12		+ 6.9	

Mittlere Zeit Greenwich	TITAN $\alpha_{tr} - \alpha_{pl}$ (s)	Diff. (s)	TITAN $\delta_{tr} - \delta_{pl}$ (″)	Diff. (″)	HYPERION $\alpha_{tr} - \alpha_{pl}$ (s)	Diff. (s)	HYPERION $\delta_{tr} - \delta_{pl}$ (″)	Diff. (″)	JAPETUS $\alpha_{tr} - \alpha_{pl}$ (s)	Diff. (s)	JAPETUS $\delta_{tr} - \delta_{pl}$ (″)	Diff. (″)
1918 Febr. 9.5	+13.68	+0.50	+ 1.7	+25.5	+ 1.18	+5.33	−71.8	+11.7	+41.12	+0.89	+ 6.9	+4.0
10.5	+14.18	−1.79	+27.2	+21.1	+ 6.51	+4.71	−60.1	+17.6	+42.01	+0.64	+10.9	+4.0
11.5	+12.39	−3.82	+48.3	+13.2	+11.22	+3.71	−42.5	+21.4	+42.65	+0.37	+14.9	+4.0
12.5	+ 8.57	−5.26	+61.5	+ 3.0	+14.93	+2.46	−21.1	+23.3	+43.02	+0.11	+18.9	+3.8
13.5	+ 3.31	−5.81	+64.5	− 7.8	+17.39	+1.12	+ 2.2	+23.1	+43.13	−0.15	+22.7	+3.7
14.5	− 2.50	−5.40	+56.7	−17.3	+18.51	−0.26	+25.3	+21.4	+42.98	−0.42	+26.4	+3.6
15.5	− 7.90	−4.11	+39.4	−23.7	+18.25	−1.52	+46.7	+18.1	+42.56	−0.68	+30.0	+3.5
16.5	−12.01	−2.21	+15.7	−26.3	+16.73	−2.68	+64.8	+13.8	+41.88	−0.94	+33.5	+3.3
17.5	−14.22	−0.04	−10.6	−24.6	+14.05	−3.65	+78.6	+ 8.5	+40.94	−1.20	+36.8	+3.1
18.5	−14.26	+2.06	−35.2	−19.5	+10.40	−4.33	+87.1	+ 2.5	+39.74	−1.44	+39.9	+2.8
19.5	−12.20	+3.82	−54.7	−11.6	+ 6.07	−4.76	+89.6	− 3.7	+38.30	−1.70	+42.7	+2.6
20.5	− 8.38	+5.01	−66.3	− 2.3	+ 1.31	−4.86	+85.9	−10.1	+36.60	−1.92	+45.3	+2.3
21.5	− 3.37	+5.47	−68.6	+ 7.5	− 3.55	−4.55	+75.8	−15.7	+34.68	−2.12	+47.6	+2.0
22.5	+ 2.10	+5.17	−61.1	+16.2	− 8.10	−3.88	+60.1	−20.8	+32.56	−2.34	+49.6	+1.7
23.5	+ 7.27	+4.09	−44.9	+22.8	−11.98	−2.80	+39.3	−24.2	+30.22	−2.53	+51.3	+1.4
24.5	+11.36	+2.38	−22.1	+26.1	−14.78	−1.39	+15.1	−25.6	+27.69	−2.71	+52.7	+1.0
25.5	+13.74	+0.24	+ 4.0	+25.5	−16.17	+0.28	−10.5	−24.6	+24.98	−2.88	+53.7	+0.7
26.5	+13.98	−2.01	+29.5	+20.8	−15.89	+2.00	−35.1	−20.7	+22.10	−3.01	+54.4	+0.2
27.5	+11.97	−3.98	+50.3	+12.5	−13.89	+3.54	−55.8	−14.4	+19.09	−3.12	+54.6	−0.1
28.5	+ 7.99	−5.30	+62.8	+ 2.0	−10.35	+4.69	−70.2	− 6.6	+15.97	−3.23	+54.5	−0.5
März 1.5	+ 2.69	−5.75	+64.8	− 8.8	− 5.66	+5.33	−76.8	+ 1.9	+12.74	−3.31	+54.0	−0.9
2.5	− 3.06	−5.23	+56.0	−18.1	− 0.33	+5.32	−74.9	+ 9.7	+ 9.43	−3.37	+53.1	−1.2
3.5	− 8.29	−3.88	+37.9	−24.3	+ 4.99	+4.86	−65.2	+16.2	+ 6.06	−3.40	+51.9	−1.6
4.5	−12.17	−1.97	+13.6	−26.5	+ 9.85	+3.94	−49.0	+20.7	+ 2.66	−3.41	+50.3	−2.0
5.5	−14.14	+0.19	−12.9	−24.4	+13.79	+2.77	−28.3	+23.1	− 0.75	−3.39	+48.3	−2.3
6.5	−13.95	+2.24	−37.3	−18.9	+16.56	+1.45	− 5.2	+23.5	− 4.14	−3.35	+46.0	−2.7
7.5	−11.71	+3.92	−56.2	−10.9	+18.01	+0.11	+18.3	+22.2	− 7.49	−3.30	+43.3	−3.0
8.5	− 7.79	+5.01	−67.1	− 1.4	+18.12	−1.18	+40.5	+19.3	−10.79	−3.22	+40.3	−3.3
9.5	− 2.78	+5.39	−68.5	+ 8.4	+16.94	−2.34	+59.8	+15.2	−14.01	−3.11	+37.0	−3.6
10.5	+ 2.61	+5.00	−60.1	+16.9	+14.60	−3.32	+75.0	+10.1	−17.12	−2.98	+33.4	−3.9
11.5	+ 7.61	+3.88	−43.2	+23.2	+11.28	−4.10	+85.1	+ 4.3	−20.10	−2.82	+29.5	−4.1
12.5	+11.49	+2.11	−20.0	+26.1	+ 7.18	−4.59	+89.4	− 1.9	−22.92	−2.66	+25.4	−4.2
13.5	+13.60	+0.04	+ 6.1	+25.2	+ 2.59	−4.76	+87.5	− 8.2	−25.58	−2.47	+21.2	−4.4
14.5	+13.64	−2.17	+31.3	+20.1	− 2.17	−4.54	+79.3	−14.1	−28.05	−2.27	+16.8	−4.6
15.5	+11.47	−4.05	+51.4	+11.7	− 6.71	−4.01	+65.2	−19.4	−30.32	−2.04	+12.2	−4.7
16.5	+ 7.42	−5.28	+63.1	+ 1.1	−10.72	−3.06	+45.8	−23.2	−32.36	−1.80	+ 7.5	−4.7
17.5	+ 2.14	−5.63	+64.2	− 9.7	−13.78	−1.77	+22.6	−25.3	−34.16	−1.58	+ 2.8	−4.8
18.5	− 3.49	−5.04	+54.5	−18.6	−15.55	−0.19	− 2.7	−25.0	−35.74	−1.32	− 2.0	−4.7
19.5	− 8.53	−3.64	+35.9	−24.4	−15.74	+1.48	−27.7	−21.9	−37.06	−1.05	− 6.7	−4.7
20.5	−12.17		+11.5		−14.26		−49.6		−38.11		−11.4	

Mittlere Zeit Greenwich	TITAN $\alpha_{tr} - \alpha_{pl}$		TITAN $\delta_{tr} - \delta_{pl}$		HYPERION $\alpha_{tr} - \alpha_{pl}$		HYPERION $\delta_{tr} - \delta_{pl}$		JAPETUS $\alpha_{tr} - \alpha_{pl}$		JAPETUS $\delta_{tr} - \delta_{pl}$	
1918	s	s	″	″	s	s	″	″	s	s	″	″
März 20.5	−12.17	−1.74	+11.5	−26.2	−14.26	+3.05	−49.6	−16.4	−38.11	−0.78	−11.4	−4.6
21.5	−13.91	+0.38	−14.7	−23.9	−11.21	+4.30	−66.0	−8.9	−38.89	−0.51	−16.0	−4.5
22.5	−13.53	+2.35	−38.6	−18.2	−6.91	+5.05	−74.9	−0.6	−39.40	−0.24	−20.5	−4.4
23.5	−11.18	+3.95	−56.8	−10.0	−1.86	+5.24	−75.5	+7.4	−39.64	+0.03	−24.9	−4.2
24.5	−7.23	+4.96	−66.8	−0.6	+3.38	+4.88	−68.1	+14.2	−39.61	+0.30	−29.1	−3.9
25.5	−2.27	+5.26	−67.4	+9.0	+8.26	+4.10	−53.9	+19.2	−39.31	+0.56	−33.0	−3.7
26.5	+2.99	+4.81	−58.4	+17.3	+12.36	+3.04	−34.7	+22.2	−38.75	+0.82	−36.7	−3.4
27.5	+7.80	+3.66	−41.1	+23.2	+15.40	+1.79	−12.5	+23.1	−37.93	+1.08	−40.1	−3.2
28.5	+11.46	+1.93	−17.9	+25.8	+17.19	+0.48	+10.6	+22.3	−36.85	+1.31	−43.3	−3.0
29.5	+13.39	−0.13	+7.9	+24.5	+17.67	−0.78	+32.9	+19.9	−35.54	+1.53	−46.3	−2.7
30.5	+13.26	−2.31	+32.4	+19.2	+16.89	−1.95	+52.8	+16.3	−34.01	+1.75	−49.0	−2.3
31.5	+10.95	−4.06	+51.6	+10.8	+14.94	−2.95	+69.1	+11.5	−32.26	+1.95	−51.3	−2.0
April 1.5	+6.89	−5.20	+62.4	+0.3	+11.99	−3.76	+80.6	+6.0	−30.31	+2.14	−53.3	−1.5
2.5	+1.69	−5.42	+62.7	−10.2	+8.23	−4.32	+86.6	0.0	−28.17	+2.31	−54.8	−1.2
3.5	−3.73	−4.88	+52.5	−18.7	+3.91	−4.56	+86.6	−6.1	−25.86	+2.46	−56.0	−0.8
4.5	−8.61	−3.43	+33.8	−24.2	−0.65	−4.51	+80.5	−12.1	−23.40	+2.60	−56.8	−0.5
5.5	−12.04	−1.54	+9.6	−25.5	−5.16	−4.08	+68.4	−17.4	−20.80	+2.72	−57.3	−0.1
6.5	−13.58	+0.51	−15.9	−23.1	−9.24	−3.27	+51.0	−21.7	−18.08	+2.81	−57.4	+0.2
7.5	−13.07	+2.40	−39.0	−17.3	−12.51	−2.12	+29.3	−24.2	−15.27	+2.90	−57.2	+0.6
8.5	−10.67	+3.92	−56.3	−9.3	−14.63	−0.66	+5.1	−24.6	−12.37	+2.98	−56.6	+1.0
9.5	−6.75	+4.87	−65.6	+0.1	−15.29	+0.94	−19.5	−22.5	−9.39	+3.02	−55.6	+1.3
10.5	−1.88	+5.10	−65.5	+9.3	−14.35	+2.49	−42.0	−17.7	−6.37	+3.02	−54.3	+1.6
11.5	+3.22	+4.63	−56.2	+17.3	−11.86	+3.81	−59.7	−11.0	−3.35	+3.03	−52.7	+1.9
12.5	+7.85	+3.46	−38.9	+22.8	−8.05	+4.69	−70.7	−3.1	−0.32	+3.03	−50.8	+2.2
13.5	+11.31	+1.76	−16.1	+25.2	−3.36	+5.03	−73.8	+4.8	+2.71	+3.01	−48.6	+2.5
14.5	+13.07	−0.28	+9.1	+23.6	+1.67	+4.85	−69.0	+11.8	+5.72	+2.96	−46.1	+2.8
15.5	+12.79	−2.32	+32.7	+18.3	+6.52	+4.23	−57.2	+17.2	+8.68	+2.89	−43.3	+3.0
16.5	+10.47	−4.03	+51.0	+10.0	+10.75	+3.26	−40.0	+20.5	+11.57	+2.81	−40.3	+3.2
17.5	+6.44	−5.09	+61.0	−0.5	+14.01	+2.11	−19.5	+22.2	+14.38	+2.72	−37.1	+3.4
18.5	+1.35	−5.28	+60.5	−10.3	+16.12	+0.88	+2.7	+21.9	+17.10	+2.62	−33.7	+3.6
19.5	−3.93	−4.64	+50.2	−18.6	+17.00	−0.35	+24.6	+20.0	+19.72	+2.49	−30.1	+3.8
20.5	−8.57	−3.24	+31.6	−23.6	+16.65	−1.51	+44.6	+16.9	+22.21	+2.36	−26.3	+3.9
21.5	−11.81	−1.40	+8.0	−24.6	+15.14	−2.53	+61.5	+12.6	+24.57	+2.20	−22.4	+4.0
22.5	−13.21	+0.58	−16.6	−22.2	+12.61	−3.38	+74.1	+7.5	+26.77	+2.04	−18.4	+4.0
23.5	−12.63	+2.41	−38.8	−16.3	+9.23	−4.00	+81.6	+1.9	+28.81	+1.88	−14.4	+4.1
24.5	−10.22	+3.85	−55.1	−8.5	+5.23	−4.35	+83.5	−4.0	+30.69	+1.69	−10.3	+4.1
25.5	−6.37	+4.74	−63.6	+0.6	+0.88	−4.39	+79.5	−9.7	+32.38	+1.50	−6.2	+4.1
26.5	−1.63	+4.95	−63.0	+9.4	−3.51	−4.10	+69.8	−15.2	+33.88	+1.30	−2.1	+4.1
27.5	+3.32	+4.45	−53.6	+16.9	−7.61	−3.44	+54.6	−19.6	+35.18	+1.11	+2.0	+4.1
28.5	+7.77		−36.7		−11.05		+35.0		+36.29		+6.1	

Mittlere Zeit Greenwich	TITAN $\alpha_{tr}-\alpha_{pl}$		TITAN $\delta_{tr}-\delta_{pl}$		HYPERION $\alpha_{tr}-\alpha_{pl}$		HYPERION $\delta_{tr}-\delta_{pl}$		JAPETUS $\alpha_{tr}-\alpha_{pl}$		JAPETUS $\delta_{tr}-\delta_{pl}$	
1918	s	s	″	″	s	s	″	″	s	s	″	″
April 28.5	+ 7.77	+3.30	−36.7	+22.3	−11.05	−2.44	+35.0	−22.6	+36.29	+0.89	+ 6.1	+4.0
29.5	+11.07	+1.64	−14.4	+24.2	−13.49	−1.13	+12.4	−23.7	+37.18	+0.67	+10.1	+3.9
30.5	+12.71	−0.35	+ 9.8	+22.6	−14.62	+0.38	−11.3	−22.3	+37.85	+0.46	+14.0	+3.8
Mai 1.5	+12.36	−2.32	+32.4	+17.4	−14.24	+1.92	−33.6	−18.5	+38.31	+0.23	+17.8	+3.7
2.5	+10.04	−3.95	+49.8	+ 9.0	−12.32	+3.28	−52.1	−12.7	+38.54	+0.01	+21.5	+3.5
3.5	+ 6.09	−4.95	+58.8	− 0.7	− 9.04	+4.26	−64.8	− 5.5	+38.55	−0.21	+25.0	+3.3
4.5	+ 1.14	−5.12	+58.1	−10.4	− 4.78	+4.76	−70.3	+ 2.3	+38.34	−0.43	+28.3	+3.0
5.5	− 3.98	−4.45	+47.7	−18.1	− 0.02	+4.75	−68.0	+ 9.1	+37.91	−0.65	+31.3	+2.8
6.5	− 8.43	−3.10	+29.6	−22.7	+ 4.73	+4.28	−58.9	+14.8	+37.26	−0.86	+34.1	+2.7
7.5	−11.53	−1.31	+ 6.9	−23.7	+ 9.01	+3.47	−44.1	+18.6	+36.40	−1.07	+36.8	+2.5
8.5	−12.84	+0.61	−16.8	−21.1	+12.48	+2.43	−25.5	+20.7	+35.33	−1.28	+39.3	+2.1
9.5	−12.23	+2.38	−37.9	−15.4	+14.91	+1.28	− 4.8	+21.0	+34.05	−1.47	+41.4	+1.9
10.5	− 9.85	+3.77	−53.3	− 7.8	+16.19	+0.07	+16.2	+19.6	+32.58	−1.66	+43.3	+1.6
11.5	− 6.08	+4.60	−61.1	+ 0.8	+16.26	−1.04	+35.8	+17.2	+30.92	−1.84	+44.9	+1.4
12.5	− 1.48	+4.79	−60.3	+ 9.3	+15.22	−2.09	+53.0	+13.3	+29.08	−2.02	+46.3	+1.0
13.5	+ 3.31	+4.30	−51.0	+16.4	+13.13	−2.97	+66.3	+ 8.8	+27.06	−2.17	+47.3	+0.7
14.5	+ 7.61	+3.18	−34.6	+21.5	+10.16	−3.65	+75.1	+ 3.7	+24.89	−2.31	+48.0	+0.4
15.5	+10.79	+1.55	−13.1	+23.2	+ 6.51	−4.08	+78.8	− 1.8	+22.58	−2.44	+48.4	+0.1
16.5	+12.34	−0.36	+10.1	+21.6	+ 2.43	−4.25	+77.0	− 7.5	+20.14	−2.56	+48.5	−0.2
17.5	+11.98	−2.28	+31.7	+16.4	− 1.82	−4.09	+69.5	−12.7	+17.58	−2.66	+48.3	−0.4
18.5	+ 9.70	−3.86	+48.1	+ 8.3	− 5.91	−3.59	+56.8	−17.3	+14.92	−2.74	+47.9	−0.8
19.5	+ 5.84	−4.81	+56.4	− 1.0	− 9.50	−2.74	+39.5	−20.7	+12.18	−2.80	+47.1	−1.1
20.5	+ 1.03	−4.96	+55.4	−10.1	−12.24	−1.54	+18.8	−22.2	+ 9.38	−2.85	+46.0	−1.3
21.5	− 3.93	−4.31	+45.3	−17.5	−13.78	−0.17	− 3.4	−21.8	+ 6.53	−2.90	+44.7	−1.6
22.5	− 8.24	−2.99	+27.8	−21.8	−13.95	+1.33	−25.2	−18.9	+ 3.63	−2.91	+43.1	−1.9
23.5	−11.23	−1.25	+ 6.0	−22.6	−12.62	+2.71	−44.1	−14.0	+ 0.72	−2.90	+41.2	−2.1
24.5	−12.48	+0.61	−16.6	−20.0	− 9.91	+3.80	−58.1	− 7.3	− 2.18	−2.86	+39.1	−2.3
25.5	−11.87	+2.31	−36.6	−14.6	− 6.11	+4.44	−65.4	− 0.4	− 5.04	−2.82	+36.8	−2.4
26.5	− 9.56	+3.66	−51.2	− 7.3	− 1.67	+4.62	−65.8	+ 6.6	− 7.86	−2.76	+34.4	−2.6
27.5	− 5.90	+4.47	−58.5	+ 1.0	+ 2.95	+4.31	−59.2	+12.3	−10.62	−2.68	+31.8	−2.9
28.5	− 1.43	+4.65	−57.5	+ 9.0	+ 7.26	+3.65	−46.9	+16.4	−13.30	−2.59	+28.9	−3.0
29.5	+ 3.22	+4.18	−48.5	+15.9	+10.91	+2.71	−30.5	+18.9	−15.89	−2.48	+25.9	−3.1
30.5	+ 7.40	+3.09	−32.6	+20.5	+13.62	+1.66	−11.6	+19.8	−18.37	−2.35	+22.8	−3.2
31.5	+10.49	+1.51	−12.1	+22.2	+15.28	+0.52	+ 8.2	+19.0	−20.72	−2.19	+19.6	−3.3
Juni 1.5	+12.00		+10.1		+15.80		+27.2		−22.91		+16.3	
Okt. 13.5	− 7.11	−3.17	+16.7	−14.7	+ 0.54	−4.13	+45.4	− 8.6	+35.15	−0.20	−14.5	−0.3
14.5	−10.28	−1.62	+ 2.0	−15.0	− 3.59	−3.81	+36.8	−11.9	+34.95	−0.41	−14.8	−0.2
15.5	−11.90		−13.0		− 7.40		+24.9		+34.54		−15.0	

Mittlere Zeit Greenwich	TITAN				HYPERION				JAPETUS			
	$\alpha_{tr} - \alpha_{pl}$		$\delta_{tr} - \delta_{pl}$		$\alpha_{tr} - \alpha_{pl}$		$\delta_{tr} - \delta_{pl}$		$\alpha_{tr} - \alpha_{pl}$		$\delta_{tr} - \delta_{pl}$	
1918	s	s	″	″	s	s	″	″	s	s	″	″
Okt. 15.5	−11.90	+0.11	−13.0	−13.0	− 7.40	−3.13	+24.9	−14.2	+34.54	−0.61	−15.0	−0.2
16.5	−11.79	+1.81	−26.0	− 9.3	−10.53	−2.04	+10.7	−15.4	+33.93	−0.81	−15.2	−0.1
17.5	− 9.98	+3.21	−35.3	− 4.3	−12.57	−0.67	− 4.7	−14.7	+33.12	−1.00	−15.3	0.0
18.5	− 6.77	+4.17	−39.6	+ 1.3	−13.24	+0.77	−19.4	−12.6	+32.12	−1.21	−15.3	+0.1
19.5	− 2.60	+4.54	−38.3	+ 6.7	−12.47	+2.16	−32.0	− 9.0	+30.91	−1.40	−15.2	+0.1
20.5	+ 1.94	+4.28	−31.6	+11.3	−10.31	+3.30	−41.0	− 4.5	+29.51	−1.58	−15.1	+0.2
21.5	+ 6.22	+3.37	−20.3	+14.2	− 7.01	+4.01	−45.5	+ 0.2	+27.93	−1.76	−14.9	+0.3
22.5	+ 9.59	+1.91	− 6.1	+15.1	− 3.00	+4.33	−45.3	+ 4.7	+26.17	−1.93	−14.6	+0.4
23.5	+11.50	+0.11	+ 9.0	+13.7	+ 1.33	+4.23	−40.6	+ 8.3	+24.24	−2.08	−14.2	+0.5
24.5	+11.61	−1.78	+22.7	+10.0	+ 5.56	+3.78	−32.3	+11.1	+22.16	−2.22	−13.7	+0.5
25.5	+ 9.83	−3.41	+32.7	+ 4.6	+ 9.34	+3.06	−21.2	+12.7	+19.94	−2.36	−13.2	+0.6
26.5	+ 6.42	−4.49	+37.3	− 1.7	+12.40	+2.14	− 8.5	+13.4	+17.58	−2.49	−12.6	+0.8
27.5	+ 1.93	−4.83	+35.6	− 7.5	+14.54	+1.12	+ 4.9	+13.1	+15.09	−2.59	−11.8	+0.9
28.5	− 2.90	−4.37	+28.1	−12.1	+15.66	+0.02	+18.0	+11.8	+12.50	−2.67	−10.9	+1.0
29.5	− 7.27	−3.25	+16.0	−14.6	+15.68	−1.10	+29.8	+ 9.6	+ 9.83	−2.75	− 9.9	+1.0
30.5	−10.52	−1.67	+ 1.4	−14.8	+14.58	−2.10	+39.4	+ 7.0	+ 7.08	−2.80	− 8.9	+1.2
31.5	−12.19	+0.12	−13.4	−12.8	+12.48	−2.96	+46.4	+ 3.6	+ 4.28	−2.84	− 7.7	+1.2
Nov. 1.5	−12.07	+1.84	−26.2	− 9.0	+ 9.52	−3.66	+50.0	− 0.1	+ 1.44	−2.87	− 6.5	+1.3
2.5	−10.23	+3.29	−35.2	− 4.1	+ 5.86	−4.15	+49.9	− 3.9	− 1.43	−2.86	− 5.2	+1.4
3.5	− 6.94	+4.27	−39.3	+ 1.5	+ 1.71	−4.30	+46.0	− 7.8	− 4.29	−2.84	− 3.8	+1.4
4.5	− 2.67	+4.67	−37.8	+ 6.8	− 2.59	−4.09	+38.2	−11.2	− 7.13	−2.80	− 2.4	+1.5
5.5	+ 2.00	+4.40	−31.0	+11.3	− 6.68	−3.45	+27.0	−13.7	− 9.93	−2.75	− 0.9	+1.5
6.5	+ 6.40	+3.44	−19.7	+14.2	−10.13	−2.42	+13.3	−15.1	−12.68	−2.68	+ 0.6	+1.5
7.5	+ 9.84	+1.96	− 5.5	+15.1	−12.55	−1.08	− 1.8	−15.0	−15.36	−2.58	+ 2.1	+1.6
8.5	+11.80	+0.09	+ 9.6	+13.6	−13.63	+0.44	−16.8	−13.0	−17.94	−2.47	+ 3.7	+1.6
9.5	+11.89	−1.84	+23.2	+ 9.7	−13.19	+1.91	−29.8	− 9.7	−20.41	−2.34	+ 5.3	+1.6
10.5	+10.05	−3.52	+32.9	+ 4.3	−11.28	+3.16	−39.5	− 5.3	−22.75	−2.20	+ 6.9	+1.6
11.5	+ 6.53	−4.62	+37.2	− 1.9	− 8.12	+4.00	−44.8	− 0.8	−24.95	−2.04	+ 8.5	+1.5
12.5	+ 1.91	−4.95	+35.3	− 7.7	− 4.12	+4.42	−45.6	+ 3.8	−26.99	−1.86	+10.0	+1.5
13.5	− 3.04	−4.49	+27.6	−12.2	+ 0.30	+4.44	−41.8	+ 7.7	−28.85	−1.68	+11.5	+1.5
14.5	− 7.53	−3.32	+15.4	−14.6	+ 4.74	+4.04	−34.1	+10.5	−30.53	−1.47	+13.0	+1.4
15.5	−10.85	−1.68	+ 0.8	−14.8	+ 8.78	+3.36	−23.6	+12.5	−32.00	−1.27	+14.4	+1.3
16.5	−12.53	+0.14	−14.0	−12.8	+12.14	+2.45	−11.1	+13.4	−33.27	−1.06	+15.7	+1.2
17.5	−12.39	+1.92	−26.8	− 8.9	+14.59	+1.42	+ 2.3	+13.1	−34.33	−0.83	+16.9	+1.2
18.5	−10.47	+3.41	−35.7	− 3.9	+16.01	+0.30	+15.4	+12.2	−35.16	−0.60	+18.1	+1.0
19.5	− 7.06	+4.41	−39.6	+ 1.7	+16.31	−0.82	+27.6	+10.3	−35.76	−0.37	+19.1	+1.0
20.5	− 2.65	+4.81	−37.9	+ 7.1	+15.49	−1.91	+37.9	+ 7.6	−36.13	−0.14	+20.1	+0.9
21.5	+ 2.16	+4.50	−30.8	+11.6	+13.58	−2.88	+45.5	+ 4.4	−36.27	+0.10	+21.0	+0.7
22.5	+ 6.66	+3.53	−19.2	+14.4	+10.70	−3.68	+49.9	+ 0.8	−36.17	+0.33	+21.7	+0.5
23.5	+10.19		− 4.8		+ 7.02		+50.7		−35.84		+22.2	

Mittlere Zeit Greenwich	TITAN				HYPERION				JAPETUS			
	$\alpha_{tr} - \alpha_{pl}$		$\delta_{tr} - \delta_{pl}$		$\alpha_{tr} - \alpha_{pl}$		$\delta_{tr} - \delta_{pl}$		$\alpha_{tr} - \alpha_{pl}$		$\delta_{tr} - \delta_{pl}$	
1918	s	s	″	″	s	s	″	″	s	s	″	″
Nov. 23.5	+10.19	+1.97	− 4.8	+15.2	+ 7.02	−4.24	+50.7	− 3.2	−35.84	+0.56	+22.2	+0.4
24.5	+12.16	+0.04	+10.4	+13.5	+ 2.78	−4.48	+47.5	− 7.2	−35.28	+0.78	+22.6	+0.3
25.5	+12.20	−1.95	+23.9	+ 9.7	− 1.70	−4.35	+40.3	−10.7	−34.50	+1.00	+22.9	+0.1
26.5	+10.25	−3.67	+33.6	+ 4.2	− 6.05	−3.77	+29.6	−13.6	−33.50	+1.22	+23.0	0.0
27.5	+ 6.58	−4.78	+37.8	− 2.2	− 9.82	−2.79	+16.0	−15.2	−32.28	+1.42	+23.0	−0.2
28.5	+ 1.80	−5.09	+35.6	− 8.1	−12.61	−1.42	+ 0.8	−15.3	−30.86	+1.63	+22.8	−0.3
29.5	− 3.29	−4.59	+27.5	−12.5	−14.03	+0.12	−14.5	−13.8	−29.23	+1.81	+22.5	−0.5
30.5	− 7.88	−3.37	+15.0	−14.9	−13.91	+1.69	−28.3	−10.6	−27.42	+1.99	+22.0	−0.6
Dez. 1.5	−11.25	−1.68	+ 0.1	−15.0	−12.22	+3.05	−38.9	− 6.4	−25.43	+2.14	+21.4	−0.7
2.5	−12.93	+0.22	−14.9	−12.9	− 9.17	+4.03	−45.3	− 1.5	−23.29	+2.29	+20.7	−0.9
3.5	−12.71	+2.04	−27.8	− 8.9	− 5.14	+4.55	−46.8	+ 3.0	−21.00	+2.43	+19.8	−1.0
4.5	−10.67	+3.56	−36.7	− 3.7	− 0.59	+4.62	−43.8	+ 7.1	−18.57	+2.55	+18.8	−1.1
5.5	− 7.11	+4.58	−40.4	+ 1.9	+ 4.03	+4.31	−36.7	+10.3	−16.02	+2.65	+17.7	−1.3
6.5	− 2.53	+4.95	−38.5	+ 7.4	+ 8.34	+3.65	−26.4	+12.4	−13.37	+2.75	+16.4	−1.4
7.5	+ 2.42	+4.61	−31.1	+12.0	+11.99	+2.76	−14.0	+13.6	−10.62	+2.83	+15.0	−1.5
8.5	+ 7.03	+3.58	−19.1	+14.9	+14.75	+1.70	− 0.4	+13.7	− 7.79	+2.88	+13.5	−1.6
9.5	+10.61	+1.95	− 4.2	+15.5	+16.45	+0.54	+13.3	+12.8	− 4.91	+2.91	+11.9	−1.6
10.5	+12.56	−0.05	+11.3	+13.9	+16.99	−0.62	+26.1	+11.1	− 2.00	+2.94	+10.3	−1.7
11.5	+12.51	−2.11	+25.2	+ 9.7	+16.37	−1.77	+37.2	+ 8.5	+ 0.94	+2.94	+ 8.6	−1.8
12.5	+10.40	−3.84	+34.9	+ 4.0	+14.60	−2.82	+45.7	+ 5.4	+ 3.88	+2.93	+ 6.8	−1.9
13.5	+ 6.56	−4.96	+38.9	− 2.5	+11.78	−3.69	+51.1	+ 1.5	+ 6.81	+2.90	+ 4.9	−1.9
14.5	+ 1.60	−5.26	+36.4	− 8.5	+ 8.09	−4.34	+52.6	− 2.5	+ 9.71	+2.86	+ 3.0	−1.9
15.5	− 3.66	−4.66	+27.9	−13.1	+ 3.75	−4.66	+50.1	− 6.6	+12.57	+2.80	+ 1.1	−1.9
16.5	− 8.32	−3.40	+14.8	−15.5	− 0.91	−4.59	+43.5	−10.5	+15.37	+2.73	− 0.8	−1.9
17.5	−11.72	−1.65	− 0.7	−15.4	− 5.50	−4.07	+33.0	−13.7	+18.10	+2.63	− 2.7	−1.9
18.5	−13.37	+0.37	−16.1	−13.2	− 9.57	−3.12	+19.3	−15.7	+20.73	+2.52	− 4.6	−1.9
19.5	−13.00	+2.20	−29.3	− 9.0	−12.69	−1.74	+ 3.6	−16.1	+23.25	+2.39	− 6.5	−1.8
20.5	−10.80	+3.75	−38.3	− 3.6	−14.43	−0.13	−12.5	−14.8	+25.64	+2.26	− 8.3	−1.8
21.5	− 7.05	+4.74	−41.9	+ 2.3	−14.56	+1.50	−27.3	−11.8	+27.90	+2.10	−10.1	−1.7
22.5	− 2.31	+5.11	−39.6	+ 7.9	−13.06	+2.96	−39.1	− 7.5	+30.00	+1.93	−11.8	−1.6
23.5	+ 2.80	+4.70	−31.7	+12.6	−10.10	+4.05	−46.6	− 2.7	+31.93	+1.75	−13.4	−1.5
24.5	+ 7.50	+3.58	−19.1	+15.5	− 6.05	+4.67	−49.3	+ 2.3	+33.68	+1.56	−14.9	−1.5
25.5	+11.08	+1.89	− 3.6	+16.2	− 1.38	+4.82	−47.0	+ 6.7	+35.24	+1.36	−16.4	−1.3
26.5	+12.97	−0.20	+12.6	+14.1	+ 3.44	+4.55	−40.3	+10.3	+36.60	+1.15	−17.7	−1.1
27.5	+12.77	−2.29	+26.7	+10.0	+ 7.99	+3.92	−30.0	+12.7	+37.75	+0.92	−18.8	−1.1
28.5	+10.48	−4.06	+36.7	+ 3.9	+11.91	+3.01	−17.3	+14.1	+38.67	+0.69	−19.9	−1.0
29.5	+ 6.42	−5.15	+40.6	− 3.0	+14.92	+1.94	− 3.2	+14.5	+39.36	+0.46	−20.9	−0.8
30.5	+ 1.27	−5.38	+37.6	− 9.1	+16.86	+0.76	+11.3	+13.8	+39.82	+0.22	−21.7	−0.6
31.5	− 4.11	−4.74	+28.5	−13.8	+17.62	−0.47	+25.1	+12.1	+40.04	−0.02	−22.3	−0.4
32.5	− 8.85		+14.7		+17.15		+37.2		+40.02		−22.7	

Östliche Elongationen

MIMAS

	h		h		h		h		h
Jan. 1	13.1	Febr. 13	21.3	März 29	5.7	Mai 11	14.2	Nov. 2	22.3
2	11.7	14	19.9	30	4.3	12	12.8	3	21.0
3	10.4	15	18.5	31	2.9	13	11.5	4	19.6
4	9.0	16	17.1	April 1	1.5	14	10.1	5	18.2
5	7.6	17	15.7	2	0.2	15	8.7	6	16.8
6	6.2	18	14.3	2	22.8	16	7.3	7	15.5
7	4.8	19	12.9	3	21.4	17	6.0	8	14.1
8	3.4	20	11.6	4	20.0	18	4.6	9	12.7
9	2.0	21	10.2	5	18.6	19	3.2	10	11.3
10	0.6	22	8.8	6	17.2	20	1.8	11	9.9
10	23.3	23	7.4	7	15.8	21	0.5	12	8.6
11	21.9	24	6.1	8	14.4	21	23.1	13	7.2
12	20.5	25	4.7	9	13.1	22	21.7	14	5.8
13	19.1	26	3.3	10	11.7	23	20.3	15	4.4
14	17.7	27	1.9	11	10.3	24	18.9	16	3.0
15	16.3	28	0.5	12	8.9	25	17.6	17	1.6
16	14.9	28	23.2	13	7.6	26	16.2	18	0.2
17	13.5	März 1	21.8	14	6.2	27	14.8	18	22.8
18	12.1	2	20.4	15	4.8	28	13.4	19	21.5
19	10.8	3	19.0	16	3.4	29	12.1	20	20.1
20	9.4	4	17.6	17	2.0	30	10.7	21	18.7
21	8.0	5	16.2	18	0.7	31	9.3	22	17.3
22	6.6	6	14.8	18	23.3	Juni 1	7.9	23	16.0
23	5.2	7	13.4	19	21.9			24	14.6
24	3.8	8	12.1	20	20.5	Okt. 13	4.7	25	13.2
25	2.4	9	10.7	21	19.1	14	3.3	26	11.8
26	1.0	10	9.3	22	17.7	15	1.9	27	10.4
26	23.7	11	7.9	23	16.4	16	0.5	28	9.1
27	22.3	12	6.6	24	15.0	16	23.2	29	7.7
28	20.9	13	5.2	25	13.6	17	21.8	30	6.3
29	19.5	14	3.8	26	12.2	18	20.4	Dez. 1	4.9
30	18.1	15	2.4	27	10.9	19	19.0	2	3.5
31	16.7	16	1.0	28	9.5	20	17.7	3	2.1
Febr. 1	15.3	16	23.7	29	8.1	21	16.3	4	0.7
2	13.9	17	22.3	30	6.7	22	14.9	4	23.3
3	12.5	18	20.9	Mai 1	5.4	23	13.5	5	22.0
4	11.2	19	19.5	2	4.0	24	12.2	6	20.6
5	9.8	20	18.1	3	2.6	25	10.8	7	19.2
6	8.4	21	16.7	4	1.2	26	9.4	8	17.8
7	7.0	22	15.3	4	23.9	27	8.0	9	16.5
8	5.6	23	13.9	5	22.5	28	6.7	10	15.1
9	4.2	24	12.6	6	21.1	29	5.3	11	13.7
10	2.8	25	11.2	7	19.7	30	3.9	12	12.3
11	1.4	26	9.8	8	18.3	31	2.5	13	10.9
12	0.1	27	8.4	9	17.0	Nov. 1	1.1	14	9.6
12	22.7	28	7.1	10	15.6	1	23.7	15	8.2

Östliche Elongationen

MIMAS

		h
Dez.	16	6.8
	17	5.4
	18	4.0
	19	2.6
	20	1.2
	20	23.8
	21	22.5
	22	21.1
	23	19.7
	24	18.3
	25	16.9
	26	15.5
	27	14.1
	28	12.7
	29	11.4
	30	10.0
	31	8.6

ENCELADUS

		h
Jan.	1	20.8
	3	5.7
	4	14.6
	5	23.5
	7	8.3
	8	17.2
	10	2.1
	11	11.0
	12	19.9
	14	4.8
	15	13.7
	16	22.6
	18	7.4
	19	16.3
	21	1.2
	22	10.1
	23	19.0
	25	3.9
	26	12.8
	27	21.7
	29	6.5
	30	15.3
Febr.	1	0.2
	2	9.0
	3	17.9
	5	2.8
	6	11.7

ENCELADUS

		h
Febr.	7	20.5
	9	5.4
	10	14.3
	11	23.2
	13	8.0
	14	16.9
	16	1.8
	17	10.7
	18	19.6
	20	4.5
	21	13.3
	22	22.2
	24	7.1
	25	16.0
	27	0.9
	28	9.8
März	1	18.6
	3	3.5
	4	12.4
	5	21.3
	7	6.2
	8	15.0
	9	23.9
	11	8.8
	12	17.7
	14	2.6
	15	11.5
	16	20.3
	18	5.2
	19	14.1
	20	23.0
	22	7.9
	23	16.8
	25	1.6
	26	10.5
	27	19.4
	29	4.3
	30	13.2
	31	22.1
April	2	6.9
	3	15.8
	5	0.7
	6	9.6
	7	18.5
	9	3.4
	10	12.3

ENCELADUS

		h
April	11	21.2
	13	6.1
	14	14.9
	15	23.8
	17	8.7
	18	17.6
	20	2.5
	21	11.4
	22	20.3
	24	5.2
	25	14.1
	26	23.0
	28	7.9
	29	16.8
Mai	1	1.6
	2	10.5
	3	19.4
	5	4.3
	6	13.2
	7	22.1
	9	7.0
	10	15.9
	12	0.8
	13	9.7
	14	18.6
	16	3.4
	17	12.3
	18	21.2
	20	6.1
	21	15.0
	22	23.9
	24	8.8
	25	17.7
	27	2.6
	28	11.5
	29	20.4
	31	5.3
Juni	1	14.2
Okt.	13	22.3
	15	7.2
	16	16.1
	18	1.0
	19	9.9
	20	18.8
	22	3.7

ENCELADUS

		h
Okt.	23	12.6
	24	21.4
	26	6.3
	27	15.2
	29	0.1
	30	9.0
	31	17.9
Nov.	2	2.8
	3	11.7
	4	20.6
	6	5.5
	7	14.4
	8	23.2
	10	8.1
	11	17.0
	13	1.9
	14	10.8
	15	19.6
	17	4.5
	18	13.4
	19	22.3
	21	7.2
	22	16.1
	24	0.9
	25	9.8
	26	18.7
	28	3.6
	29	12.5
	30	21.4
Dez.	2	6.3
	3	15.2
	5	0.1
	6	8.9
	7	17.8
	9	2.7
	10	11.6
	11	20.5
	13	5.4
	14	14.2
	15	23.1
	17	8.0
	18	16.9
	20	1.8
	21	10.7
	22	19.5
	24	4.4

ENCELADUS

		h
Dez.	25	13.3
	26	22.2
	28	7.1
	29	16.0
	31	0.8

TETHYS

		h
Jan.	2	11.7
	4	9.0
	6	6.3
	8	3.5
	10	0.8
	11	22.1
	13	19.4
	15	16.7
	17	14.0
	19	11.3
	21	8.6
	23	5.9
	25	3.1
	27	0.4
	28	21.7
	30	19.0
Febr.	1	16.3
	3	13.6
	5	10.9
	7	8.2
	9	5.4
	11	2.7
	13	0.0
	14	21.3
	16	18.6
	18	15.9
	20	13.2
	22	10.5
	24	7.8
	26	5.1
	28	2.4
März	1	23.7
	3	21.0
	5	18.3
	7	15.6
	9	12.9
	11	10.2
	13	7.5
	15	4.8

Östliche Elongationen

TETHYS

		h
März	17	2.1
	18	23.4
	20	20.7
	22	18.0
	24	15.3
	26	12.6
	28	9.9
	30	7.2
April	1	4.5
	3	1.8
	4	23.1
	6	20.4
	8	17.7
	10	15.0
	12	12.3
	14	9.7
	16	7.0
	18	4.3
	20	1.6
	21	22.9
	23	20.2
	25	17.6
	27	14.9
	29	12.2
Mai	1	9.5
	3	6.8
	5	4.2
	7	1.5
	8	22.8
	10	20.1
	12	17.5
	14	14.8
	16	12.1
	18	9.4
	20	6.8
	22	4.1
	24	1.4
	25	22.7
	27	20.1
	29	17.4
	31	14.7
Okt.	14	14.7
	16	12.0
	18	9.4
Okt.	20	6.7
	22	4.0
	24	1.3
	25	22.6
	27	20.0
	29	17.3
	31	14.6
Nov.	2	11.9
	4	9.3
	6	6.6
	8	3.9
	10	1.2
	11	22.6
	13	19.9
	15	17.2
	17	14.5
	19	11.8
	21	9.1
	23	6.4
	25	3.7
	27	1.0
	28	22.3
	30	19.6
Dez.	2	16.9
	4	14.2
	6	11.5
	8	8.8
	10	6.1
	12	3.4
	14	0.7
	15	22.0
	17	19.4
	19	16.7
	21	14.0
	23	11.3
	25	8.6
	27	5.9
	29	3.2
	31	0.5

DIONE

		h
Jan.	3	2.9
	5	20.6
	8	14.2
	11	7.9
Jan.	14	1.5
	16	19.2
	19	12.8
	22	6.5
	25	0.1
	27	17.8
	30	11.4
Febr.	2	5.1
	4	22.7
	7	16.4
	10	10.0
	13	3.7
	15	21.3
	18	14.9
	21	8.6
	24	2.2
	26	19.9
März	1	13.5
	4	7.2
	7	0.9
	9	18.6
	12	12.3
	15	5.9
	17	23.6
	20	17.3
	23	11.0
	26	4.7
	28	22.3
	31	16.0
April	3	9.6
	6	3.3
	8	21.0
	11	14.7
	14	8.4
	17	2.1
	19	19.8
	22	13.5
	25	7.2
	28	0.9
	30	18.6
Mai	3	12.4
	6	6.1
	8	23.8
	11	17.5
	14	11.2
Mai	17	5.0
	19	22.7
	22	16.4
	25	10.1
	28	3.8
	30	21.6
Okt.	14	20.6
	17	14.3
	20	8.0
	23	1.7
	25	19.5
	28	13.2
	31	6.9
Nov.	3	0.6
	5	18.3
	8	12.0
	11	5.7
	13	23.4
	16	17.1
	19	10.8
	22	4.5
	24	22.2
	27	15.9
	30	9.6
Dez.	3	3.3
	5	21.0
	8	14.7
	11	8.3
	14	2.0
	16	19.7
	19	13.4
	22	7.1
	25	0.7
	27	18.4
	30	12.0

RHEA

		h
Jan.	5	2.4
	9	14.8
	14	3.1
	18	15.4
	23	3.7
	27	16.0
Febr.	1	4.3
Febr.	5	16.7
	10	5.0
	14	17.3
	19	5.7
	23	18.0
	28	6.3
März	4	18.6
	9	7.0
	13	19.3
	18	7.7
	22	20.1
	27	8.5
	31	20.9
April	5	9.3
	9	21.7
	14	10.2
	18	22.6
	23	11.1
	27	23.5
Mai	2	12.0
	7	0.5
	11	13.0
	16	1.5
	20	14.0
	25	2.6
	29	15.1
Okt.	16	20.7
	21	9.2
	25	21.7
	30	10.2
Nov.	3	22.7
	8	11.2
	12	23.7
	17	12.1
	22	0.6
	26	13.0
Dez.	1	1.4
	5	13.9
	10	2.3
	14	14.7
	19	3.1
	23	15.5
	28	3.9
	32	16.3

Elongationen und Konjunktionen

TITAN

	h			h			h	
Jan. 1	10.1	Westl. El.	März 21	21.9	Westl. El.	Okt. 15	23.4	Westl. El.
5	14.2	Ob. Konj.	26	1.9	Ob. Konj.	20	4.4	Ob. Konj.
9	15.1	Östl. El.	30	3.5	Östl. El.	24	4.9	Östl. El.
13	9.9	Unt. Konj.	April 2	22.8	Unt. Konj.	28	0.1	Unt. Konj.
17	7.6	Westl. El.	6	20.3	Westl. El.	31	23.4	Westl. El.
21	11.6	Ob. Konj.	11	0.5	Ob. Konj.	Nov. 5	4.3	Ob. Konj.
25	12.6	Östl. El.	15	2.2	Östl. El.	9	4.6	Östl. El.
29	7.4	Unt. Konj.	18	21.5	Unt. Konj.	12	23.7	Unt. Konj.
Febr. 2	5.0	Westl. El.	22	19.2	Westl. El.	16	22.9	Westl. El.
6	8.9	Ob. Konj.	26	23.5	Ob. Konj.	21	3.7	Ob. Konj.
10	10.0	Östl. El.	Mai 1	1.3	Östl. El.	25	3.9	Östl. El.
14	4.9	Unt. Konj.	4	20.8	Unt. Konj.	28	22.9	Unt. Konj.
18	2.4	Westl. El.	8	18.6	Westl. El.	Dez. 2	22.1	Westl. El.
22	6.3	Ob. Konj.	12	23.0	Ob. Konj.	7	2.7	Ob. Konj.
26	7.5	Östl. El.	17	0.9	Östl. El.	11	2.7	Östl. El.
März 2	2.5	Unt. Konj.	20	20.4	Unt. Konj.	14	21.6	Unt. Konj.
5	23.9	Westl. El.	24	18.4	Westl. El.	18	20.7	Westl. El.
10	3.9	Ob. Konj.	28	23.0	Ob. Konj.	23	1.2	Ob. Konj.
14	5.3	Östl. El.	Juni 2	0.8	Östl. El.	27	1.2	Östl. El.
18	0.4	Unt. Konj.				30	20.0	Unt. Konj.

HYPERION

	h			h			h	
Jan. 3	4.9	Östl. El.	März 29	8.9	Östl. El.	Okt. 13	18.2	Unt. Konj.
9	9.4	Unt. Konj.	April 4	13.2	Unt. Konj.	18	15.2	Westl. El.
14	14.9	Westl. El.	9	18.6	Westl. El.	23	7.8	Ob. Konj.
19	3.8	Ob. Konj.	14	8.1	Ob. Konj.	29	1.8	Östl. El.
24	11.9	Östl. El.	19	17.1	Östl. El.	Nov. 4	0.4	Unt. Konj.
30	16.3	Unt. Konj.	25	21.3	Unt. Konj.	8	20.5	Westl. El.
Febr. 4	21.7	Westl. El.	Mai 1	2.4	Westl. El.	13	13.2	Ob. Konj.
9	10.6	Ob. Konj.	5	16.2	Ob. Konj.	19	7.8	Östl. El.
14	18.6	Östl. El.	11	2.1	Östl. El.	25	5.7	Unt. Konj.
20	22.8	Unt. Konj.	17	6.2	Unt. Konj.	30	1.0	Westl. El.
26	4.4	Westl. El.	22	10.6	Westl. El.	Dez. 4	18.0	Ob. Konj.
März 2	17.4	Ob. Konj.	27	0.7	Ob. Konj.	10	12.7	Östl. El.
8	1.4	Östl. El.	Juni 1	11.5	Östl. El.	16	10.1	Unt. Konj.
14	5.5	Unt. Konj.				21	4.8	Westl. El.
19	11.3	Westl. El.				25	21.8	Ob. Konj.
24	0.5	Ob. Konj.				31	16.6	Östl. El.

JAPETUS

	h			h			h	
Jan. 4	18.2	Westl. El.	März 24	0.8	Westl. El.	Nov. 2	1.4	Unt. Konj.
24	6.2	Ob. Konj.	April 12	17.1	Ob. Konj.	21	2.5	Westl. El.
Febr. 13	18.6	Östl. El.	Mai 3	16.9	Östl. El.	Dez. 11	5.8	Ob. Konj.
März 5	8.9	Unt. Konj.	23	20.3	Unt. Konj.	31	23.7	Östl. El.

Tag	h	
Jan.		
2	21	☿ untere ☌ ☉
3	22	♂ ☌ ☾
5	10	♀ im größten Glanz
11	4	☿ ☌ ☾
14	23	♀ ☌ ☾
21	14	♃ ☌ ☾
25	6	☿ gr. westl. El. 24°41′
25	23	♆ ☍ ☉
27	4	♄ ☌ ☾
29	15	♂ im Aphel
31	7	♄ ☍ ☉
31	16	♂ ☌ ☾
Febr.		
3	8	♀ im Perihel
9	11	☿ ☌ ☾
9	14	♀ untere ☌ ☉
10	17	♀ ☌ ☾
11	17	☿ im Aphel
12	17	♅ ☌ ☉
17	21	♃ ☌ ☾
23	6	♄ ☌ ☾
27	15	♂ ☌ ☾
März		
9	19	♀ ☌ ☾
12	12	☿ ☌ ☾
12	14	☿ obere ☌ ☉
14	19	♂ ☍ ☉
15	5	♀ im größten Glanz
17	9	♃ ☌ ☾
22	9	♄ ☌ ☾
26	1	♂ ☌ ☾
27	16	☿ im Perihel
April		
7	1	☿ gr. östl. El. 19°18′
7	13	♀ ☌ ☾
11	23	☿ ☌ ☾
14	2	♃ ☌ ☾
18	15	♄ ☌ ☾
20	18	♀ gr. westl. El. 46°14′
21	19	♂ ☌ ☾
26	15	☿ untere ☌ ☉
Mai		
6	23	♀ ☌ ☾
8	22	☿ ☌ ☾
10	16	☿ im Aphel
11	22	♃ ☌ ☾
16	1	♄ ☌ ☾
19	8	♂ ☌ ☾
24	2	☿ gr. westl. El. 25°11′
26	13	♀ im Aphel
Juni		
5	11	♀ ☌ ☾
6	23	☿ ☌ ☾
8	19	♃ ☌ ☾
12	14	♄ ☌ ☾
15	4	♃ ☌ ☉
16	11	♂ ☌ ☾
22	9	☿ ☌ ♃, ☿ 0° 52′ N
23	16	☿ im Perihel
26	15	☿ obere ☌ ☉
Juli		
5	2	♀ ☌ ☾
6	14	♃ ☌ ☾
9	2	☿ ☌ ☾
10	5	♄ ☌ ☾
14	22	♂ ☌ ☾
17	5	☿ ☌ ♄, ☿ 0°26′ N
26	16	☿ ☌ α Leonis, ☿ 0°22′ S
26	21	♀ ☌ ♄, ♀ 0°36′ S
30	8	♆ ☌ ☉
Aug.		
3	8	♃ ☌ ☾
3	23	♀ ☌ ☾
5	3	☿ gr. östl. El. 27°21′
6	15	☿ im Aphel
6	20	♄ ☌ ☾
8	20	☿ ☌ ☾
11	2	♄ ☌ ☉
12	14	♂ ☌ ☾
19	1	♅ ☍ ☉
30	23	♃ ☌ ☾
Sept.		
1	13	☿ untere ☌ ☉
3	6	♀ ☌ ☾
Sept.		
3	9	♄ ☌ ☾
4	12	☿ ☌ ☾
4	14	♀ ☌ ♄, ♀ 0°5′ S
10	9	♂ ☌ ☾
10	11	♀ ☌ α Leonis, ♀ 0°40′ N
14	22	☿ ☌ ♀, ☿ 1°19′ S
15	19	♀ im Perihel
17	19	☿ gr. westl. El. 17°52′
19	15	☿ im Perihel
24	19	☿ ☌ ♀, ☿ 0°20′ N
27	12	♃ ☌ ☾
30	21	♄ ☌ ☾
Okt.		
2	14	♂ ☌ δ Scorpii, ♂ 0°57′ N
3	17	♀ ☌ ☾
4	3	☿ ☌ ☾
9	6	♂ ☌ ☾
15	0	☿ obere ☌ ☉
24	23	♃ ☌ ☾
28	9	♄ ☌ ☾
Nov.		
2	14	☿ im Aphel
3	1	♀ ☌ ☾
4	12	☿ ☌ ☾
7	5	♂ ☌ ☾
9	8	☿ ☌ δ Scorpii, ☿ 0°13′ N
21	8	♃ ☌ ☾
23	12	♀ obere ☌ ☉
24	13	♀ ☌ β Scorpii, ♀ 0°42′ S
24	19	♄ ☌ ☾
29	16	☿ gr. östl. El. 21°30′
Dez.		
3	8	♀ ☌ ☾
4	22	☿ ☌ ☾
6	6	♂ ☌ ☾
15	21	☿ ☌ ♀, ☿ 1°48′ N
16	14	☿ im Perihel
18	4	☿ untere ☌ ☉
18	14	♃ ☌ ☾
22	4	♄ ☌ ☾
31	2	☿ ☌ ☾

Präzession in Rektaszension (p_α) und Deklination (p_δ)

α \ δ	p_α +60°	+50°	+40°	+30°	+20°	+10°	0°	−10°	−20°	−30°	−40°	−50°	−60°	p_δ
0h	3.07s	3.07s	3.07s	3.07s	3.07s	3.07s	3.07s	3.07s	3.07s	3.07s	3.07s	3.07s	3.07s	+20.0″
1	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	+19.4
2	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	+17.4
3	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	+14.2
4	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	+10.0
5	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	+ 5.2
6	5.39	4.67	4.19	3.84	3.56	3.31	3.07	2.84	2.59	2.30	1.95	1.48	0.76	0.0
7	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	− 5.2
8	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	−10.0
9	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	−14.2
10	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	−17.4
11	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	−19.4
12	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	−20.0
13	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	−19.4
14	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	−17.4
15	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	−14.2
16	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	−10.0
17	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	− 5.2
18	0.76	1.48	1.95	2.30	2.59	2.84	3.07	3.31	3.56	3.84	4.19	4.67	5.39	0.0
19	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	+ 5.2
20	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	+10.0
21	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	+14.2
22	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	+17.4
23	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	+19.4
24	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	+20.0

Präzessionswerte und Schiefe der Ekliptik

Zeit	m	n	ψ	log π	Π	ε
1900.0	3.07233s	20.0468″	50.2564″	9.67309	173° 57.06′	23° 27′ 8.26″
1905.0	3.07243	20.0464	50.2575	9.67305	173 59.80	23 27 5.92
1910.0	3.07252	20.0460	50.2586	9.67302	174 2.53	23 27 3.58
1915.0	3.07261	20.0456	50.2597	9.67299	174 5.27	23 27 1.23
1920.0	3.07271	20.0451	50.2608	9.67296	174 8.01	23 26 58.89
1925.0	3.07280	20.0447	50.2620	9.67293	174 10.75	23 26 56.55
1930.0	3.07289	20.0443	50.2631	9.67290	174 13.49	23 26 54.21

	Präzession in Länge p_λ										Präz. in Br. p_β		
Länge λ	Breite β										Länge λ	Präzession p_β	
	0°	+1°	+2°	+3°	+4°	+5°	+6°	+7°	+8°	+9°			
0°	50.262″	.254″	.245″	.237″	.229″	50.221″	.213″	.205″	.196″	.188″	0°	+0.048″	80
10	.262	.254	.246	.238	.230	.222	.214	.206	.198	.190	10	+0.128	77
20	.262	.255	.247	.240	.232	.225	.217	.210	.202	.195	20	+0.205	70
30	.262	.255	.249	.242	.235	.229	.222	.215	.208	.202	30	+0.275	63
40	50.262	.256	.251	.245	.239	50.233	.227	.221	.216	.210	40	+0.338	52
50	.262	.257	.253	.248	.243	.239	.234	.229	.225	.220	50	+0.390	40
60	.262	.259	.255	.252	.249	.245	.242	.238	.235	.231	60	+0.430	26
70	.262	.260	.258	.256	.254	.252	.250	.248	.246	.244	70	+0.456	14
80	50.262	.261	.261	.260	.259	50.259	.258	.258	.257	.257	80	+0.470	—1
90	.262	.263	.263	.264	.265	.266	.267	.268	.269	.270	90	+0.469	16
100	.262	.264	.267	.269	.271	.273	.275	.277	.280	.282	100	+0.453	29
110	.262	.266	.269	.273	.277	.280	.284	.287	.291	.294	110	+0.424	42
120	50.262	.267	.271	.276	.281	50.286	.291	.296	.301	.306	120	+0.382	54
130	.262	.268	.274	.280	.286	.292	.298	.304	.310	.316	130	+0.328	63
140	.262	.269	.275	.282	.289	.296	.303	.310	.317	.324	140	+0.265	72
150	.262	.270	.277	.285	.292	.300	.307	.315	.322	.330	150	+0.193	77
160	50.262	.270	.278	.286	.294	50.302	.310	.318	.326	.334	160	+0.116	81
170	.262	.270	.279	.287	.295	.303	.311	.319	.328	.336	170	+0.035	83
180	.262	.270	.279	.287	.295	.303	.311	.319	.328	.336	180	—0.048	80
190	.262	.270	.278	.286	.294	.302	.310	.318	.326	.334	190	—0.128	77
200	50.262	.269	.277	.284	.292	50.299	.307	.314	.322	.329	200	—0.205	70
210	.262	.269	.275	.282	.289	.295	.302	.309	.316	.322	210	—0.275	63
220	.262	.268	.273	.279	.285	.291	.297	.303	.308	.314	220	—0.338	52
230	.262	.267	.271	.276	.281	.285	.290	.295	.299	.304	230	—0.390	40
240	50.262	.265	.269	.272	.275	50.279	.282	.286	.289	.293	240	—0.430	26
250	.262	.264	.266	.268	.270	.272	.274	.276	.278	.280	250	—0.456	14
260	.262	.263	.263	.264	.265	.265	.266	.266	.267	.267	260	—0.470	—1
270	.262	.261	.261	.260	.259	.258	.257	.256	.255	.254	270	—0.469	16
280	50.262	.260	.257	.255	.253	50.251	.249	.247	.244	.242	280	—0.453	29
290	.262	.258	.255	.251	.247	.244	.240	.237	.233	.230	290	—0.424	42
300	.262	.257	.253	.248	.243	.238	.233	.228	.223	.218	300	—0.382	54
310	.262	.256	.250	.244	.238	.232	.226	.220	.214	.208	310	—0.328	63
320	50.262	.255	.249	.242	.235	50.228	.221	.214	.207	.200	320	—0.265	72
330	.262	.254	.247	.239	.232	.224	.217	.209	.202	.194	330	—0.193	77
340	.262	.254	.246	.238	.230	.222	.214	.206	.198	.190	340	—0.116	81
350	.262	.254	.245	.237	.229	.221	.213	.205	.196	.188	350	—0.035	83
360	50.262	.254	.245	.237	.229	50.221	.213	.205	.196	.188	360	+0.048	

Präzession in Länge p_λ											Präz. in Br. p_β		
Länge λ	Breite β 0°	−1°	−2°	−3°	−4°	−5°	−6°	−7°	−8°	−9°	Länge λ	Präzession p_β	
0°	50.262″	.270″	.279″	.287″	.295″	50.303″	.311″	.319″	.328″	.336″	0°	+0.048″	80
10	.262	.270	.278	.286	.294	.302	.310	.318	.326	.334	10	+0.128	77
20	.262	.269	.277	.284	.292	.299	.307	.314	.322	.329	20	+0.205	70
30	.262	.269	.275	.282	.289	.295	.302	.309	.316	.322	30	+0.275	63
40	50.262	.268	.273	.279	.285	50.291	.297	.303	.308	.314	40	+0.338	52
50	.262	.267	.271	.276	.281	.285	.290	.295	.299	.304	50	+0.390	40
60	.262	.265	.269	.272	.275	.279	.282	.286	.289	.293	60	+0.430	26
70	.262	.264	.266	.268	.270	.272	.274	.276	.278	.280	70	+0.456	14
80	50.262	.263	.263	.264	.265	50.265	.266	.266	.267	.267	80	+0.470	−1
90	.262	.261	.261	.260	.259	.258	.257	.256	.255	.254	90	+0.469	16
100	.262	.260	.257	.255	.253	.251	.249	.247	.244	.242	100	+0.453	29
110	.262	.258	.255	.251	.247	.244	.240	.237	.233	.230	110	+0.424	42
120	50.262	.257	.253	.248	.243	50.238	.233	.228	.223	.218	120	+0.382	54
130	.262	.256	.250	.244	.238	.232	.226	.220	.214	.208	130	+0.328	63
140	.262	.255	.249	.242	.235	.228	.221	.214	.207	.200	140	+0.265	72
150	.262	.254	.247	.239	.232	.224	.217	.209	.202	.194	150	+0.193	77
160	50.262	.254	.246	.238	.230	50.222	.214	.206	.198	.190	160	+0.116	81
170	.262	.254	.245	.237	.229	.221	.213	.205	.196	.188	170	+0.035	83
180	.262	.254	.245	.237	.229	.221	.213	.205	.196	.188	180	−0.048	80
190	.262	.254	.246	.238	.230	.222	.214	.206	.198	.190	190	−0.128	77
200	50.262	.255	.247	.240	.232	50.225	.217	.210	.202	.195	200	−0.205	70
210	.262	.255	.249	.242	.235	.229	.222	.215	.208	.202	210	−0.275	63
220	.262	.256	.251	.245	.239	.233	.227	.221	.216	.210	220	−0.338	52
230	.262	.257	.253	.248	.243	.239	.234	.229	.225	.220	230	−0.390	40
240	50.262	.259	.255	.252	.249	50.245	.242	.238	.235	.231	240	−0.430	26
250	.262	.260	.258	.256	.254	.252	.250	.248	.246	.244	250	−0.456	14
260	.262	.261	.261	.260	.259	.259	.258	.258	.257	.257	260	−0.470	−1
270	.262	.263	.263	.264	.265	.266	.267	.268	.269	.270	270	−0.469	16
280	50.262	.264	.267	.269	.271	50.273	.275	.277	.280	.282	280	−0.453	29
290	.262	.266	.269	.273	.277	.280	.284	.287	.291	.294	290	−0.424	42
300	.262	.267	.271	.276	.281	.286	.291	.296	.301	.306	300	−0.382	54
310	.262	.268	.274	.280	.286	.292	.298	.304	.310	.316	310	−0.328	63
320	50.262	.269	.275	.282	.289	50.296	.303	.310	.317	.324	320	−0.265	72
330	.262	.270	.277	.285	.292	.300	.307	.315	.322	.330	330	−0.193	77
340	.262	.270	.278	.286	.294	.302	.310	.318	.326	.334	340	−0.116	81
350	.262	.270	.279	.287	.295	.303	.311	.319	.328	.336	350	−0.035	83
360	50.262	.270	.279	.287	.295	50.303	.311	.319	.328	.336	360	+0.048	

Halber Tagbogen

δ	Geographische Breite φ										
	+45°	+46°	+47°	+48°	+49°	+50°	+51°	+52°	+53°	+54°	+55°
°	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
0	6 3.3	6 3.4	6 3.4	6 3.5	6 3.5	6 3.6	6 3.7	6 3.8	6 3.9	6 4.0	6 4.1
+ 1	6 7.3	6 7.5	6 7.7	6 7.9	6 8.1	6 8.4	6 8.6	6 8.9	6 9.2	6 9.5	6 9.8
2	6 11.3	6 11.6	6 12.0	6 12.4	6 12.8	6 13.2	6 13.6	6 14.0	6 14.5	6 15.0	6 15.5
3	6 15.3	6 15.8	6 16.3	6 16.8	6 17.4	6 18.0	6 18.6	6 19.2	6 19.8	6 20.5	6 21.2
4	6 19.4	6 20.0	6 20.6	6 21.3	6 22.0	6 22.8	6 23.5	6 24.4	6 25.2	6 26.1	6 27.0
+ 5	6 23.4	6 24.2	6 25.0	6 25.8	6 26.7	6 27.6	6 28.6	6 29.6	6 30.6	6 31.7	6 32.8
6	6 27.5	6 28.4	6 29.3	6 30.4	6 31.4	6 32.5	6 33.6	6 34.8	6 36.0	6 37.3	6 38.7
7	6 31.6	6 32.6	6 33.7	6 34.9	6 36.1	6 37.4	6 38.7	6 40.0	6 41.5	6 43.0	6 44.6
8	6 35.7	6 36.9	6 38.2	6 39.5	6 40.9	6 42.3	6 43.7	6 45.3	6 47.0	6 48.7	6 50.5
9	6 39.8	6 41.2	6 42.6	6 44.1	6 45.6	6 47.3	6 48.9	6 50.7	6 52.6	6 54.5	6 56.5
+10	6 44.0	6 45.6	6 47.1	6 48.8	6 50.5	6 52.3	6 54.2	6 56.1	6 58.2	7 0.3	7 2.6
11	6 48.2	6 49.9	6 51.7	6 53.5	6 55.4	6 57.4	6 59.4	7 1.6	7 3.9	7 6.3	7 8.8
12	6 52.5	6 54.4	6 56.3	6 58.3	7 0.4	7 2.5	7 4.8	7 7.2	7 9.7	7 12.3	7 15.1
13	6 56.9	6 58.9	7 1.0	7 3.1	7 5.4	7 7.8	7 10.2	7 12.8	7 15.5	7 18.4	7 21.4
14	7 1.3	7 3.4	7 5.7	7 8.0	7 10.5	7 13.1	7 15.7	7 18.6	7 21.5	7 24.6	7 27.9
+15	7 5.7	7 8.1	7 10.5	7 13.0	7 15.7	7 18.5	7 21.4	7 24.4	7 27.6	7 31.0	7 34.6
16	7 10.2	7 12.7	7 15.4	7 18.1	7 21.0	7 23.9	7 27.1	7 30.4	7 33.8	7 37.5	7 41.4
17	7 14.8	7 17.5	7 20.3	7 23.3	7 26.3	7 29.5	7 32.9	7 36.5	7 40.2	7 44.1	7 48.3
18	7 19.5	7 22.4	7 25.4	7 28.5	7 31.8	7 35.3	7 38.9	7 42.7	7 46.7	7 50.9	7 55.4
19	7 24.3	7 27.4	7 30.6	7 33.9	7 37.4	7 41.1	7 45.0	7 49.1	7 53.4	7 57.9	8 2.8
+20	7 29.2	7 32.4	7 35.9	7 39.4	7 43.2	7 47.1	7 51.3	7 55.6	8 0.3	8 5.2	8 10.4
21	7 34.1	7 37.6	7 41.3	7 45.1	7 49.1	7 53.3	7 57.7	8 2.4	8 7.3	8 12.6	8 18.2
22	7 39.2	7 42.9	7 46.8	7 50.9	7 55.1	7 59.6	8 4.3	8 9.4	8 14.7	8 20.3	8 26.4
23	7 44.4	7 48.4	7 52.5	7 56.8	8 1.4	8 6.1	8 11.2	8 16.6	8 22.3	8 28.3	8 34.9
24	7 49.8	7 54.0	7 58.3	8 2.9	8 7.8	8 12.9	8 18.3	8 24.0	8 30.2	8 36.7	8 43.8
+25	7 55.3	7 59.8	8 4.4	8 9.3	8 14.4	8 19.9	8 25.7	8 31.8	8 38.4	8 45.5	8 53.1
26	8 1.0	8 5.7	8 10.7	8 15.8	8 21.3	8 27.1	8 33.4	8 40.0	8 47.0	8 54.7	9 3.0
27	8 6.8	8 11.8	8 17.1	8 22.6	8 28.5	8 34.7	8 41.4	8 48.5	8 56.1	9 4.4	9 13.5
28	8 12.9	8 18.2	8 23.8	8 29.7	8 36.0	8 42.6	8 49.8	8 57.5	9 5.8	9 14.9	9 24.8
29	8 19.2	8 24.8	8 30.8	8 37.1	8 43.8	8 51.0	8 58.7	9 7.0	9 16.1	9 26.0	9 37.1
+30	8 25.7	8 31.7	8 38.1	8 44.8	8 52.0	8 59.7	9 8.1	9 17.2	9 27.1	9 38.2	9 50.7

Halber Tagbogen

δ	Geographische Breite φ										
	+45°	+46°	+47°	+48°	+49°	+50°	+51°	+52°	+53°	+54°	+55°
0°	$6^h\ 3^m.3$	$6^h\ 3^m.4$	$6^h\ 3^m.4$	$6^h\ 3^m.5$	$6^h\ 3^m.5$	$6^h\ 3^m.6$	$6^h\ 3^m.7$	$6^h\ 3^m.8$	$6^h\ 3^m.9$	$6^h\ 4^m.0$	$6^h\ 4^m.1$
−1	5 59.3	5 59.2	5 59.1	5 59.0	5 58.9	5 58.9	5 58.8	5 58.7	5 58.6	5 58.4	5 58.3
2	5 55.3	5 55.1	5 54.8	5 54.6	5 54.3	5 54.1	5 53.8	5 53.5	5 53.3	5 52.9	5 52.6
3	5 51.3	5 50.9	5 50.5	5 50.1	5 49.7	5 49.3	5 48.9	5 48.4	5 47.9	5 47.4	5 46.9
4	5 47.3	5 46.8	5 46.2	5 45.7	5 45.1	5 44.5	5 43.9	5 43.3	5 42.6	5 41.9	5 41.2
−5	5 43.2	5 42.6	5 41.9	5 41.2	5 40.5	5 39.7	5 38.9	5 38.1	5 37.2	5 36.3	5 35.4
6	5 39.2	5 38.4	5 37.6	5 36.8	5 35.8	5 34.9	5 33.9	5 32.9	5 31.8	5 30.8	5 29.6
7	5 35.1	5 34.2	5 33.2	5 32.2	5 31.1	5 30.0	5 28.9	5 27.7	5 26.4	5 25.1	5 23.8
8	5 31.0	5 29.9	5 28.8	5 27.6	5 26.4	5 25.1	5 23.8	5 22.4	5 21.0	5 19.5	5 17.9
9	5 26.9	5 25.7	5 24.4	5 23.0	5 21.7	5 20.2	5 18.7	5 17.1	5 15.5	5 13.7	5 11.9
−10	5 22.8	5 21.4	5 19.9	5 18.4	5 16.9	5 15.2	5 13.5	5 11.8	5 9.9	5 7.9	5 5.9
11	5 18.6	5 17.0	5 15.4	5 13.8	5 12.0	5 10.2	5 8.3	5 6.3	5 4.3	5 2.1	4 59.8
12	5 14.3	5 12.6	5 10.9	5 9.0	5 7.1	5 5.1	5 3.0	5 0.9	4 58.6	4 56.2	4 53.7
13	5 10.1	5 8.2	5 6.3	5 4.3	5 2.2	5 0.0	4 57.7	4 55.3	4 52.8	4 50.2	4 47.4
14	5 5.7	5 3.7	5 1.6	4 59.5	4 57.1	4 54.8	4 52.3	4 49.7	4 46.9	4 44.1	4 41.0
−15	5 1.4	4 59.2	4 56.9	4 54.5	4 52.0	4 49.5	4 46.8	4 43.9	4 41.0	4 37.8	4 34.5
16	4 56.9	4 54.6	4 52.1	4 49.5	4 46.9	4 44.1	4 41.2	4 38.1	4 34.9	4 31.5	4 27.9
17	4 52.4	4 49.9	4 47.2	4 44.5	4 41.6	4 38.6	4 35.4	4 32.1	4 28.7	4 25.0	4 21.1
18	4 47.8	4 45.1	4 42.2	4 39.3	4 36.2	4 33.0	4 29.6	4 26.1	4 22.3	4 18.4	4 14.2
19	4 43.1	4 40.2	4 37.2	4 34.0	4 30.7	4 27.3	4 23.7	4 19.9	4 15.8	4 11.6	4 7.1
−20	4 38.4	4 35.3	4 32.0	4 28.7	4 25.1	4 21.4	4 17.5	4 13.5	4 9.1	4 4.6	3 59.7
21	4 33.5	4 30.2	4 26.8	4 23.2	4 19.4	4 15.4	4 11.3	4 6.9	4 2.3	3 57.4	3 52.2
22	4 28.6	4 25.0	4 21.4	4 17.5	4 13.5	4 9.3	4 4.9	4 0.2	3 55.2	3 50.0	3 44.3
23	4 23.5	4 19.7	4 15.8	4 11.8	4 7.5	4 3.0	3 58.2	3 53.2	3 47.9	3 42.3	3 36.2
24	4 18.3	4 14.3	4 10.2	4 5.8	4 1.3	3 56.5	3 51.4	3 46.0	3 40.3	3 34.3	3 27.8
−25	4 12.9	4 8.7	4 4.3	3 59.7	3 54.9	3 49.7	3 44.3	3 38.6	3 32.4	3 25.9	3 18.9
26	4 7.4	4 3.0	3 58.3	3 53.4	3 48.2	3 42.8	3 37.0	3 30.8	3 24.2	3 17.2	3 9.6
27	4 1.7	3 57.0	3 52.1	3 46.9	3 41.3	3 35.5	3 29.3	3 22.7	3 15.7	3 8.0	2 59.8
28	3 55.9	3 50.9	3 45.6	3 40.1	3 34.2	3 28.0	3 21.3	3 14.2	3 6.6	2 58.3	2 49.3
29	3 49.8	3 44.5	3 38.9	3 33.0	3 26.7	3 20.1	3 12.9	3 5.3	2 57.0	2 48.0	2 38.1
−30	3 43.6	3 37.9	3 32.0	3 25.7	3 18.9	3 11.8	3 4.1	2 55.8	2 46.8	2 36.9	2 25.9

Reduktionstafel

für Auf- und Untergang der Sonne

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang

Tag	Geographische Breite φ									
	+45°	+46°	+47°	+48°	+49°	+51°	+52°	+53°	+54°	+55°
1918	m	m	m	m	m	m	m	m	m	m
Jan. 0	−20.3	−16.6	−12.7	−8.7	−4.4	+4.7	+ 9.6	+14.8	+20.6	+26.5
10	−18.9	−15.5	−11.9	−8.1	−4.2	+4.4	+ 9.0	+13.9	+18.9	+24.6
20	−16.9	−13.8	−10.6	−7.2	−3.7	+3.8	+ 8.0	+12.2	+16.8	+21.5
30	−14.3	−11.8	− 8.9	−6.1	−3.1	+3.2	+ 6.7	+10.2	+14.0	+18.0
Febr. 9	−11.4	− 9.4	− 7.1	−4.9	−2.4	+2.5	+ 5.3	+ 8.1	+11.1	+14.4
19	− 8.4	− 6.9	− 5.2	−3.6	−1.8	+1.8	+ 3.9	+ 5.9	+ 8.1	+10.5
März 1	− 5.4	− 4.4	− 3.4	−2.3	−1.1	+1.2	+ 2.5	+ 3.8	+ 5.2	+ 6.7
11	− 2.4	− 2.0	− 1.5	−1.0	−0.5	+0.5	+ 1.1	+ 1.6	+ 2.3	+ 3.0
21	+ 0.7	+ 0.5	+ 0.4	+0.2	+0.2	−0.2	− 0.3	− 0.5	− 0.6	− 0.8
31	+ 3.7	+ 3.0	+ 2.3	+1.5	+0.9	−0.9	− 1.7	− 2.6	− 3.6	− 4.5
April 10	+ 6.7	+ 5.4	+ 4.2	+2.8	+1.5	−1.5	− 3.1	− 4.8	− 6.6	− 8.3
20	+ 9.8	+ 7.9	+ 6.1	+4.1	+2.2	−2.1	− 4.5	− 7.0	− 9.6	−12.2
30	+12.8	+10.4	+ 8.0	+5.4	+2.8	−3.0	− 6.0	− 9.2	−12.6	−16.1
Mai 10	+15.6	+12.8	+ 9.8	+6.6	+3.5	−3.6	− 7.3	−11.3	−15.5	−20.0
20	+18.1	+14.9	+11.4	+7.7	+4.1	−4.2	− 8.6	−13.3	−18.2	−23.6
30	+20.4	+16.7	+12.8	+8.7	+4.6	−4.7	− 9.7	−15.1	−20.7	−26.8
Juni 9	+21.9	+17.9	+13.8	+9.5	+4.9	−5.1	−10.6	−16.3	−22.5	−29.1
19	+22.6	+18.5	+14.2	+9.8	+5.0	−5.3	−10.9	−16.9	−23.3	−30.2
29	+22.3	+18.2	+14.0	+9.6	+5.0	−5.2	−10.7	−16.6	−23.0	−29.7
Juli 9	+21.2	+17.3	+13.3	+9.1	+4.7	−4.9	−10.2	−15.7	−21.6	−28.0
19	+19.2	+15.7	+12.1	+8.3	+4.2	−4.4	− 9.2	−14.1	−19.5	−25.1
29	+16.9	+13.7	+10.5	+7.2	+3.6	−3.8	− 8.0	−12.2	−16.8	−21.6
Aug. 8	+14.1	+11.6	+ 8.8	+6.0	+3.0	−3.2	− 6.6	−10.1	−14.0	−18.0
18	+11.2	+ 9.2	+ 6.9	+4.8	+2.4	−2.5	− 5.2	− 7.9	−11.0	−14.1
28	+ 8.2	+ 6.8	+ 5.1	+3.5	+1.7	−1.8	− 3.8	− 5.8	− 8.0	−10.3
Sept. 7	+ 5.3	+ 4.3	+ 3.2	+2.2	+1.1	−1.2	− 2.4	− 3.7	− 5.1	− 6.5
17	+ 2.2	+ 1.9	+ 1.4	+1.0	+0.4	−0.5	− 1.0	− 1.6	− 2.2	− 2.7
27	− 0.8	− 0.6	− 0.5	−0.3	−0.2	+0.2	+ 0.4	+ 0.5	+ 0.7	+ 1.0
Okt. 7	− 3.7	− 3.0	− 2.4	−1.5	−0.8	+0.9	+ 1.7	+ 2.7	+ 3.6	+ 4.7
17	− 6.8	− 5.4	− 4.2	−2.8	−1.5	+1.6	+ 3.1	+ 4.8	+ 6.5	+ 8.3
27	− 9.7	− 7.9	− 6.1	−4.1	−2.1	+2.2	+ 4.5	+ 6.9	+ 9.4	+12.1
Nov. 6	−12.7	−10.2	− 7.9	−5.4	−2.8	+2.9	+ 5.9	+ 9.0	+12.4	+15.9
16	−15.4	−12.6	− 9.6	−6.6	−3.4	+3.6	+ 7.2	+11.1	+15.2	+19.5
26	−17.8	−14.6	−11.1	−7.6	−3.9	+4.1	+ 8.3	+13.0	+17.8	+22.8
Dez. 6	−19.6	−16.0	−12.3	−8.5	−4.3	+4.6	+ 9.3	+14.4	+19.7	+25.5
16	−20.7	−16.9	−13.0	−8.9	−4.5	+4.8	+ 9.8	+15.2	+20.9	+27.0
26	−20.7	−16.9	−13.0	−8.9	−4.5	+4.8	+ 9.8	+15.2	+20.9	+27.0
36	−19.8	−16.2	−12.5	−8.5	−4.3	+4.6	+ 9.3	+14.5	+19.9	+25.7

Reduktionstafel

für Auf- und Untergang des Mondes

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang

*t**)	Geographische Breite φ									
	+45°	+46°	+47°	+48°	+49°	+51°	+52°	+53°	+54°	+55°
h m	m	m	m	m	m	m	m	m	m	m
3 0	−37.4	−30.9	−23.9	−16.5	−8.6	+9.3	+19.4	+30.7	+43.3	+57.7
10	−34.8	−28.7	−22.2	−15.3	−7.9	+8.5	+17.8	+27.9	+39.1	+51.7
20	−32.3	−26.5	−20.5	−14.1	−7.3	+7.8	+16.2	+25.4	+35.3	+46.4
30	−29.9	−24.5	−18.9	−13.0	−6.7	+7.2	+14.8	+23.1	+32.0	+41.8
40	−27.6	−22.6	−17.4	−12.0	−6.1	+6.6	+13.5	+21.0	+29.1	+37.8
50	−25.4	−20.8	−16.0	−11.0	−5.6	+6.0	+12.3	+19.1	+26.4	+34.2
4 0	−23.3	−19.1	−14.6	−10.0	−5.1	+5.4	+11.2	+17.3	+23.9	+30.9
10	−21.3	−17.4	−13.4	− 9.2	−4.7	+5.0	+10.2	+15.7	+21.6	+27.9
20	−19.3	−15.8	−12.1	− 8.3	−4.2	+4.5	+ 9.2	+14.1	+19.4	+25.0
30	−17.4	−14.2	−10.9	− 7.4	−3.8	+4.0	+ 8.2	+12.7	+17.4	+22.4
40	−15.6	−12.7	− 9.8	− 6.6	−3.4	+3.6	+ 7.3	+11.3	+15.4	+19.8
50	−13.8	−11.3	− 8.6	− 5.9	−3.0	+3.2	+ 6.5	+ 9.9	+13.6	+17.4
5 0	−12.0	− 9.8	− 7.5	− 5.1	−2.6	+2.7	+ 5.6	+ 8.6	+11.8	+15.2
10	−10.3	− 8.4	− 6.5	− 4.4	−2.2	+2.4	+ 4.8	+ 7.4	+10.1	+12.9
20	− 8.6	− 7.0	− 5.4	− 3.7	−1.9	+2.0	+ 4.0	+ 6.2	+ 8.4	+10.8
30	− 7.0	− 5.7	− 4.4	− 3.0	−1.5	+1.6	+ 3.2	+ 5.0	+ 6.8	+ 8.7
40	− 5.4	− 4.4	− 3.3	− 2.3	−1.1	+1.2	+ 2.5	+ 3.8	+ 5.2	+ 6.6
50	− 3.7	− 3.0	− 2.3	− 1.6	−0.8	+0.8	+ 1.7	+ 2.6	+ 3.6	+ 4.6
6 0	− 2.1	− 1.7	− 1.3	− 0.9	−0.5	+0.5	+ 1.0	+ 1.5	+ 2.0	+ 2.6
10	− 0.5	− 0.4	− 0.3	− 0.2	−0.1	+0.1	+ 0.2	+ 0.4	+ 0.5	+ 0.6
20	+ 1.1	+ 0.9	+ 0.7	+ 0.5	+0.2	−0.2	− 0.5	− 0.8	− 1.1	− 1.4
30	+ 2.7	+ 2.2	+ 1.7	+ 1.2	+0.6	−0.6	− 1.3	− 1.9	− 2.6	− 3.4
40	+ 4.4	+ 3.5	+ 2.7	+ 1.9	+1.0	−1.0	− 2.0	− 3.1	− 4.2	− 5.4
50	+ 6.0	+ 4.9	+ 3.7	+ 2.5	+1.3	−1.4	− 2.7	− 4.3	− 5.8	− 7.4
7 0	+ 7.6	+ 6.2	+ 4.8	+ 3.2	+1.6	−1.7	− 3.5	− 5.4	− 7.4	− 9.5
10	+ 9.3	+ 7.6	+ 5.9	+ 4.0	+2.0	−2.1	− 4.3	− 6.6	− 9.0	−11.6
20	+11.0	+ 9.0	+ 6.9	+ 4.7	+2.4	−2.5	− 5.1	− 7.8	−10.7	−13.8
30	+12.7	+10.4	+ 7.9	+ 5.4	+2.8	−2.9	− 5.9	− 9.1	−12.4	−16.0
40	+14.5	+11.9	+ 9.1	+ 6.2	+3.2	−3.3	− 6.8	−10.4	−14.3	−18.3
50	+16.3	+13.3	+10.2	+ 7.0	+3.6	−3.7	− 7.7	−11.8	−16.2	−20.8
8 0	+18.1	+14.8	+11.4	+ 7.8	+4.0	−4.2	− 8.6	−13.2	−18.1	−23.4
10	+20.0	+16.4	+12.6	+ 8.7	+4.4	−4.6	− 9.7	−14.8	−20.2	−26.2
20	+22.0	+18.0	+13.8	+ 9.5	+4.9	−5.1	−10.7	−16.3	−22.5	−29.0
30	+24.1	+19.7	+15.2	+10.4	+5.3	−5.6	−11.6	−18.0	−24.8	−32.1
40	+26.4	+21.5	+16.6	+11.4	+5.9	−6.2	−12.7	−19.8	−27.4	−35.7
50	+28.6	+23.3	+18.0	+12.4	+6.4	−6.8	−14.0	−21.8	−30.2	−39.5
9 0	+30.8	+25.3	+19.5	+13.4	+6.9	−7.4	−15.3	−23.9	−33.2	−43.5

*) *t* ist beim Aufgange der Zeitunterschied zwischen Aufgang und Kulmination, beim Untergange der Zeitunterschied zwischen Kulmination und Untergang

Julianische Periode

I. Anzahl der am 0. Januar seit Anfang der Periode verflossenen Tage

Jahr n. Chr.	0	100	200	300	400	500	600	700	800	900
	17	17	17	18	18	19	19	19	20	20
0	21057	57582	94107	30632	67157	03682	40207	76732	13257	49782
4	22518	59043	95568	32093	68618	05143	41668	78193	14718	51243
8	23979	60504	97029	33554	70079	06604	43129	79654	16179	52704
12	25440	61965	98490	35015	71540	08065	44590	81115	17640	54165
16	26901	63426	99951	36476	73001	09526	46051	82576	19101	55626
20	28362	64887	01412	37937	74462	10987	47512	84037	20562	57087
24	29823	66348	02873	39398	75923	12448	48973	85498	22023	58548
28	31284	67809	04334	40859	77384	13909	50434	86959	23484	60009
32	32745	69270	05795	42320	78845	15370	51895	88420	24945	61470
36	34206	70731	07256	43781	80306	16831	53356	89881	26406	62931
40	35667	72192	08717	45242	81767	18292	54817	91342	27867	64392
44	37128	73653	10178	46703	83228	19753	56278	92803	29328	65853
48	38589	75114	11639	48164	84689	21214	57739	94264	30789	67314
52	40050	76575	13100	49625	86150	22675	59200	95725	32250	68775
56	41511	78036	14561	51086	87611	24136	60661	97186	33711	70236
60	42972	79497	16022	52547	89072	25597	62122	98647	35172	71697
64	44433	80958	17483	54008	90533	27058	63583	00108	36633	73158
68	45894	82419	18944	55469	91994	28519	65044	01569	38094	74619
72	47355	83880	20405	56930	93455	29980	66505	03030	39555	76080
76	48816	85341	21866	58391	94916	31441	67966	04491	41016	77541
80	50277	86802	23327	59852	96377	32902	69427	05952	42477	79002
84	51738	88263	24788	61313	97838	34363	70888	07413	43938	80463
88	53199	89724	26249	62774	99299	35824	72349	08874	45399	81924
92	54660	91185	27710	64235	00760	37285	73810	10335	46860	83385
96	56121	92646	29171	65696	02221	38746	75271	11796	48321	84846
100	57582	94107	30632	67157	03682	40207	76732	13257	49782	86307
	17	17	18	18	19	19	19	20	20	20

Ia. Anzahl der am 0. jedes Monats seit Beginn der Schaltperiode verflossenen Tage

Jahr	Jan. 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
0	0	31	60	91	121	152	182	213	244	274	305	335
1	366	397	425	456	486	517	547	578	609	639	670	700
2	731	762	790	821	851	882	912	943	974	1004	1035	1065
3	1096	1127	1155	1186	1216	1247	1277	1308	1339	1369	1400	1430

Julianische Periode

I. Anzahl der am 0. Januar seit Anfang der Periode verflossenen Tage

Jahr n. Chr.	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
	20	21	21	21	22	22	23	23	23	24
0	86307	22832	59357	95882	32407	68932	05447	41971[1]	78495[1]	15019[1]
4	87768	24293	60818	97343	33868	70393	06908	43432	79956	16480
8	89229	25754	62279	98804	35329	71854	08369	44893	81417	17941
12	90690	27215	63740	00265	36790	73315	09830	46354	82878	19402
16	92151	28676	65201	01726	38251	74776	11291	47815	84339	20863
20	93612	30137	66662	03187	39712	76237	12752	49276	85800	22324
24	95073	31598	68123	04648	41173	77698	14213	50737	87261	23785
28	96534	33059	69584	06109	42634	79159	15674	52198	88722	25246
32	97995	34520	71045	07570	44095	80620	17135	53659	90183	26707
36	99456	35981	72506	09031	45556	82081	18596	55120	91644	28168
40	00917	37442	73967	10492	47017	83542	20057	56581	93105	29629
44	02378	38903	75428	11953	48478	85003	21518	58042	94566	31090
48	03839	40364	76889	13414	49939	86464	22979	59503	96027	32551
52	05300	41825	78350	14875	51400	87925	24440	60964	97488	34012
56	06761	43286	79811	16336	52861	89386	25901	62425	98949	35473
60	08222	44747	81272	17797	54322	90847	27362	63886	00410	36934
64	09683	46208	82733	19258	55783	92308	28823	65347	01871	38395
68	11144	47669	84194	20719	57244	93769	30284	66808	03332	39856
72	12605	49130	85655	22180	58705	95230	31745	68269	04793	41317
76	14066	50591	87116	23641	60166	96691	33206	69730	06254	42778
80	15527	52052	88577	25102	61627	98152	34667	71191	07715	44239
84	16988	53513	90038	26563	63088	99603	36128	72652	09176	45700
88	18449	54974	91499	28024	64549	01064	37589	74113	10637	47161
92	19910	56435	92960	29485	66010	02525	39050	75574	12098	48622
96	21371	57896	94421	30946	67471	03986	40511	77035	13559	50083
100	22832	59357	95882	32407	68932	05447	41971[1]	78495[1]	15019[1]	51544
	21	21	21	22	22	23	23	23	24	24

[1]) Die Zahlen geben die am −1. Jan. seit Anfang der Periode verflossenen Tage

Ia. Anzahl der am 0. jedes Monats seit Beginn der Schaltperiode verflossenen Tage

Jahr	Jan. 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
0	0[2]	31[2]	60	91	121	152	182	213	244	274	305	335
1	366	397	425	456	486	517	547	578	609	639	670	700
2	731	762	790	821	851	882	912	943	974	1004	1035	1065
3	1096	1127	1155	1186	1216	1247	1277	1308	1339	1369	1400	1430

Von 1582 Okt. 15 bis 1583 Dez. 31 sind die Zahlen der Tafel Ia um 10 zu verkleinern

[2]) In den Jahren 1700, 1800, 1900 um 1 zu vergrößern

Julianische Periode

II. Anzahl der seit Beginn der Periode am 0. jedes Monats im gregorianischen Kalender verflossenen Tage

Jahr n. Chr.	Januar 0		Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
1860	2400	410	441	470	501	531	562	592	623	654	684	715	745
1861		776	807	835	866	896	927	957	988	*019	*049	*080	*110
1862	2401	141	172	200	231	261	292	322	353	384	414	445	475
1863		506	537	565	596	626	657	687	718	749	779	810	840
1864		871	902	931	962	992	*023	*053	*084	*115	*145	*176	*206
1865	2402	237	268	296	327	357	388	418	449	480	510	541	571
1866		602	633	661	692	722	753	783	814	845	875	906	936
1867		967	998	*026	*057	*087	*118	*148	*179	*210	*240	*271	*301
1868	2403	332	363	392	423	453	484	514	545	576	606	637	667
1869		698	729	757	788	818	849	879	910	941	971	*002	*032
1870	2404	063	094	122	153	183	214	244	275	306	336	367	397
1871		428	459	487	518	548	579	609	640	671	701	732	762
1872		793	824	853	884	914	945	975	*006	*037	*067	*098	*128
1873	2405	159	190	218	249	279	310	340	371	402	432	463	493
1874		524	555	583	614	644	675	705	736	767	797	828	858
1875		889	920	948	979	*009	*040	*070	*101	*132	*162	*193	*223
1876	2406	254	285	314	345	375	406	436	467	498	528	559	589
1877		620	651	679	710	740	771	801	832	863	893	924	954
1878		985	*016	*044	*075	*105	*136	*166	*197	*228	*258	*289	*319
1879	2407	350	381	409	440	470	501	531	562	593	623	654	684
1880		715	746	775	806	836	867	897	928	959	989	*020	*050
1881	2408	081	112	140	171	201	232	262	293	324	354	385	415
1882		446	477	505	536	566	597	627	658	689	719	750	780
1883		811	842	870	901	931	962	992	*023	*054	*084	*115	*145
1884	2409	176	207	236	267	297	328	358	389	420	450	481	511
1885		542	573	601	632	662	693	723	754	785	815	846	876
1886		907	938	966	997	*027	*058	*088	*119	*150	*180	*211	*241
1887	2410	272	303	331	362	392	423	453	484	515	545	576	606
1888		637	668	697	728	758	789	819	850	881	911	942	972
1889	2411	003	034	062	093	123	154	184	215	246	276	307	337
1890		368	399	427	458	488	519	549	580	611	641	672	702
1891		733	764	792	823	853	884	914	945	976	*006	*037	*067
1892	2412	098	129	158	189	219	250	280	311	342	372	403	433
1893		464	495	523	554	584	615	645	676	707	737	768	798
1894		829	860	888	919	949	980	*010	*041	*072	*102	*133	*163
1895	2413	194	225	253	284	314	345	375	406	437	467	498	528
1896		559	590	619	650	680	711	741	772	803	833	864	894
1897		925	956	984	*015	*045	*076	*106	*137	*168	*198	*229	*259
1898	2414	290	321	349	380	410	441	471	502	533	563	594	624
1899		655	686	714	745	775	806	836	867	898	928	959	989

Julianische Periode

II. Anzahl der seit Beginn der Periode am 0. jedes Monats im gregorianischen Kalender verflossenen Tage

Jahr n. Chr.	Januar 0		Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
1900	2415	020	051	079	110	140	171	201	232	263	293	324	354
1901		385	416	444	475	505	536	566	597	628	658	689	719
1902		750	781	809	840	870	901	931	962	993	*023	*054	*084
1903	2416	115	146	174	205	235	266	296	327	358	388	419	449
1904		480	511	540	571	601	632	662	693	724	754	785	815
1905		846	877	905	936	966	997	*027	*058	*089	*119	*150	*180
1906	2417	211	242	270	301	331	362	392	423	454	484	515	545
1907		576	607	635	666	696	727	757	788	819	849	880	910
1908		941	972	*001	*032	*062	*093	*123	*154	*185	*215	*246	*276
1909	2418	307	338	366	397	427	458	488	519	550	580	611	641
1910		672	703	731	762	792	823	853	884	915	945	976	*006
1911	2419	037	068	096	127	157	188	218	249	280	310	341	371
1912		402	433	462	493	523	554	584	615	646	676	707	737
1913		768	799	827	858	888	919	949	980	*011	*041	*072	*102
1914	2420	133	164	192	223	253	284	314	345	376	406	437	467
1915		498	529	557	588	618	649	679	710	741	771	802	832
1916		863	894	923	954	984	*015	*045	*076	*107	*137	*168	*198
1917	2421	229	260	288	319	349	380	410	441	472	502	533	563
1918		594	625	653	684	714	745	775	806	837	867	898	928
1919		959	990	*018	*049	*079	*110	*140	*171	*202	*232	*263	*293
1920	2422	324	355	384	415	445	476	506	537	568	598	629	659
1921		690	721	749	780	810	841	871	902	933	963	994	*024
1922	2423	055	086	114	145	175	206	236	267	298	328	359	389
1923		420	451	479	510	540	571	601	632	663	693	724	754
1924		785	816	845	876	906	937	967	998	*029	*059	*090	*120
1925	2424	151	182	210	241	271	302	332	363	394	424	455	485
1926		516	547	575	606	636	667	697	728	759	789	820	850
1927		881	912	940	971	*001	*032	*062	*093	*124	*154	*185	*215
1928	2425	246	277	306	337	367	398	428	459	490	520	551	581
1929		612	643	671	702	732	763	793	824	855	885	916	946
1930		977	*008	*036	*067	*097	*128	*158	*189	*220	*250	*281	*311
1931	2426	342	373	401	432	462	493	523	554	585	615	646	676
1932		707	738	767	798	828	859	889	920	951	981	*012	*042
1933	2427	073	104	132	163	193	224	254	285	316	346	377	407
1934		438	469	497	528	558	589	619	650	681	711	742	772
1935		803	834	862	893	923	954	984	*015	*046	*076	*107	*137
1936	2428	168	199	228	259	289	320	350	381	412	442	473	503
1937		534	565	593	624	654	685	715	746	777	807	838	868
1938		899	930	958	989	*019	*050	*080	*111	*142	*172	*203	*233
1939	2429	264	295	323	354	384	415	445	476	507	537	568	598

Red.	0m	1m	2m	3m	Red.		Red.	
s	h m s	h m s	h m s	h m s	s	m s	s	m s
0	0 0 0	6 5 15	12 10 29	18 15 44	0.00	0 0	0.50	3 3
1	0 6 5	6 11 20	12 16 34	18 21 49	0.01	0 4	0.51	3 6
2	0 12 10	6 17 25	12 22 40	18 27 54	0.02	0 7	0.52	3 10
3	0 18 16	6 23 30	12 28 45	18 33 59	0.03	0 11	0.53	3 14
4	0 24 21	6 29 36	12 34 50	18 40 5	0.04	0 15	0.54	3 17
5	0 30 26	6 35 41	12 40 55	18 46 10	0.05	0 18	0.55	3 21
6	0 36 31	6 41 46	12 47 1	18 52 15	0.06	0 22	0.56	3 25
7	0 42 37	6 47 51	12 53 6	18 58 20	0.07	0 26	0.57	3 28
8	0 48 42	6 53 56	12 59 11	19 4 26	0.08	0 29	0.58	3 32
9	0 54 47	7 0 2	13 5 16	19 10 31	0.09	0 33	0.59	3 35
10	1 0 52	7 6 7	13 11 21	19 16 36	0.10	0 37	0.60	3 39
11	1 6 58	7 12 12	13 17 27	19 22 41	0.11	0 40	0.61	3 43
12	1 13 3	7 18 17	13 23 32	19 28 47	0.12	0 44	0.62	3 46
13	1 19 8	7 24 23	13 29 37	19 34 52	0.13	0 47	0.63	3 50
14	1 25 13	7 30 28	13 35 42	19 40 57	0.14	0 51	0.64	3 54
15	1 31 19	7 36 33	13 41 48	19 47 2	0.15	0 55	0.65	3 57
16	1 37 24	7 42 38	13 47 53	19 53 7	0.16	0 58	0.66	4 1
17	1 43 29	7 48 44	13 53 58	19 59 13	0.17	1 2	0.67	4 5
18	1 49 34	7 54 49	14 0 3	20 5 18	0.18	1 6	0.68	4 8
19	1 55 40	8 0 54	14 6 9	20 11 23	0.19	1 9	0.69	4 12
20	2 1 45	8 6 59	14 12 14	20 17 28	0.20	1 13	0.70	4 16
21	2 7 50	8 13 5	14 18 19	20 23 34	0.21	1 17	0.71	4 19
22	2 13 55	8 19 10	14 24 24	20 29 39	0.22	1 20	0.72	4 23
23	2 20 1	8 25 15	14 30 30	20 35 44	0.23	1 24	0.73	4 27
24	2 26 6	8 31 20	14 36 35	20 41 49	0.24	1 28	0.74	4 30
25	2 32 11	8 37 26	14 42 40	20 47 55	0.25	1 31	0.75	4 34
26	2 38 16	8 43 31	14 48 45	20 54 0	0.26	1 35	0.76	4 38
27	2 44 22	8 49 36	14 54 51	21 0 5	0.27	1 39	0.77	4 41
28	2 50 27	8 55 41	15 0 56	21 6 10	0.28	1 42	0.78	4 45
29	2 56 32	9 1 47	15 7 1	21 12 16	0.29	1 46	0.79	4 49
30	3 2 37	9 7 52	15 13 6	21 18 21	0.30	1 50	0.80	4 52
31	3 8 43	9 13 57	15 19 12	21 24 26	0.31	1 53	0.81	4 56
32	3 14 48	9 20 2	15 25 17	21 30 31	0.32	1 57	0.82	4 59
33	3 20 53	9 26 8	15 31 22	21 36 37	0.33	2 1	0.83	5 3
34	3 26 58	9 32 13	15 37 27	21 42 42	0.34	2 4	0.84	5 7
35	3 33 3	9 38 18	15 43 33	21 48 47	0.35	2 8	0.85	5 10
36	3 39 9	9 44 23	15 49 38	21 54 52	0.36	2 11	0.86	5 14
37	3 45 14	9 50 28	15 55 43	22 0 58	0.37	2 15	0.87	5 18
38	3 51 19	9 56 34	16 1 48	22 7 3	0.38	2 19	0.88	5 21
39	3 57 24	10 2 39	16 7 54	22 13 8	0.39	2 22	0.89	5 25
40	4 3 30	10 8 44	16 13 59	22 19 13	0.40	2 26	0.90	5 29
41	4 9 35	10 14 49	16 20 4	22 25 19	0.41	2 30	0.91	5 32
42	4 15 40	10 20 55	16 26 9	22 31 24	0.42	2 33	0.92	5 36
43	4 21 45	10 27 0	16 32 14	22 37 29	0.43	2 37	0.93	5 40
44	4 27 51	10 33 5	16 38 20	22 43 34	0.44	2 41	0.94	5 43
45	4 33 56	10 39 10	16 44 25	22 49 39	0.45	2 44	0.95	5 47
46	4 40 1	10 45 16	16 50 30	22 55 45	0.46	2 48	0.96	5 51
47	4 46 6	10 51 21	16 56 35	23 1 50	0.47	2 52	0.97	5 54
48	4 52 12	10 57 26	17 2 41	23 7 55	0.48	2 55	0.98	5 58
49	4 58 17	11 3 31	17 8 46	23 14 0	0.49	2 59	0.99	6 2
50	5 4 22	11 9 37	17 14 51	23 20 6	0.50	3 3	1.00	6 5
51	5 10 27	11 15 42	17 20 56	23 26 11				
52	5 16 33	11 21 47	17 27 2	23 32 16				
53	5 22 38	11 27 52	17 33 7	23 38 21				
54	5 28 43	11 33 58	17 39 12	23 44 27				
55	5 34 48	11 40 3	17 45 17	23 50 32				
56	5 40 54	11 46 8	17 51 23	23 56 37				
57	5 46 59	11 52 13	17 57 28	24 2 42				
58	5 53 4	11 58 19	18 3 33	24 8 48				
59	5 59 9	12 4 24	18 9 38	24 14 53				

Die Reduktion ist zur mittl. Zeit zu addieren

Red.	0m	1m	2m	3m	Red.		Red.	
s	h m s	h m s	h m s	h m s	s	m s	s	m s
0	0 0 0	6 6 15	12 12 29	18 18 44	0.00	0 0	0.50	3 3
1	0 6 6	6 12 21	12 18 35	18 24 50	0.01	0 4	0.51	3 7
2	0 12 12	6 18 27	12 24 42	18 30 56	0.02	0 7	0.52	3 10
3	0 18 19	6 24 33	12 30 48	18 37 2	0.03	0 11	0.53	3 14
4	0 24 25	6 30 40	12 36 54	18 43 9	0.04	0 15	0.54	3 18
5	0 30 31	6 36 46	12 43 0	18 49 15	0.05	0 18	0.55	3 21
6	0 36 37	6 42 52	12 49 7	18 55 21	0.06	0 22	0.56	3 25
7	0 42 44	6 48 58	12 55 13	19 1 27	0.07	0 26	0.57	3 29
8	0 48 50	6 55 4	13 1 19	19 7 34	0.08	0 29	0.58	3 32
9	0 54 56	7 1 11	13 7 25	19 13 40	0.09	0 33	0.59	3 36
10	1 1 2	7 7 17	13 13 31	19 19 46	0.10	0 37	0.60	3 40
11	1 7 9	7 13 23	13 19 38	19 25 52	0.11	0 40	0.61	3 43
12	1 13 15	7 19 29	13 25 44	19 31 59	0.12	0 44	0.62	3 47
13	1 19 21	7 25 36	13 31 50	19 38 5	0.13	0 48	0.63	3 51
14	1 25 27	7 31 42	13 37 56	19 44 11	0.14	0 51	0.64	3 54
15	1 31 34	7 37 48	13 44 3	19 50 17	0.15	0 55	0.65	3 58
16	1 37 40	7 43 54	13 50 9	19 56 23	0.16	0 59	0.66	4 2
17	1 43 46	7 50 1	13 56 15	20 2 30	0.17	1 2	0.67	4 5
18	1 49 52	7 56 7	14 2 21	20 8 36	0.18	1 6	0.68	4 9
19	1 55 59	8 2 13	14 8 28	20 14 42	0.19	1 10	0.69	4 13
20	2 2 5	8 8 19	14 14 34	20 20 48	0.20	1 13	0.70	4 16
21	2 8 11	8 14 26	14 20 40	20 26 55	0.21	1 17	0.71	4 20
22	2 14 17	8 20 32	14 26 46	20 33 1	0.22	1 21	0.72	4 24
23	2 20 24	8 26 38	14 32 53	20 39 7	0.23	1 24	0.73	4 27
24	2 26 30	8 32 44	14 38 59	20 45 13	0.24	1 28	0.74	4 31
25	2 32 36	8 38 51	14 45 5	20 51 20	0.25	1 32	0.75	4 35
26	2 38 42	8 44 57	14 51 11	20 57 26	0.26	1 35	0.76	4 38
27	2 44 49	8 51 3	14 57 18	21 3 32	0.27	1 39	0.77	4 42
28	2 50 55	8 57 9	15 3 24	21 9 38	0.28	1 43	0.78	4 46
29	2 57 1	9 3 16	15 9 30	21 15 45	0.29	1 46	0.79	4 49
30	3 3 7	9 9 22	15 15 36	21 21 51	0.30	1 50	0.80	4 53
31	3 9 14	9 15 28	15 21 43	21 27 57	0.31	1 54	0.81	4 57
32	3 15 20	9 21 34	15 27 49	21 34 3	0.32	1 57	0.82	5 0
33	3 21 26	9 27 41	15 33 55	21 40 10	0.33	2 1	0.83	5 4
34	3 27 32	9 33 47	15 40 1	21 46 16	0.34	2 5	0.84	5 8
35	3 33 38	9 39 53	15 46 8	21 52 22	0.35	2 8	0.85	5 11
36	3 39 45	9 45 59	15 52 14	21 58 28	0.36	2 12	0.86	5 15
37	3 45 51	9 52 5	15 58 20	22 4 35	0.37	2 16	0.87	5 19
38	3 51 57	9 58 12	16 4 26	22 10 41	0.38	2 19	0.88	5 22
39	3 58 3	10 4 18	16 10 33	22 16 47	0.39	2 23	0.89	5 26
40	4 4 10	10 10 24	16 16 39	22 22 53	0.40	2 26	0.90	5 30
41	4 10 16	10 16 30	16 22 45	22 29 0	0.41	2 30	0.91	5 33
42	4 16 22	10 22 37	16 28 51	22 35 6	0.42	2 34	0.92	5 37
43	4 22 28	10 28 43	16 34 57	22 41 12	0.43	2 37	0.93	5 41
44	4 28 35	10 34 49	16 41 4	22 47 18	0.44	2 41	0.94	5 44
45	4 34 41	10 40 55	16 47 10	22 53 24	0.45	2 45	0.95	5 48
46	4 40 47	10 47 2	16 53 16	22 59 31	0.46	2 48	0.96	5 52
47	4 46 53	10 53 8	16 59 22	23 5 37	0.47	2 52	0.97	5 55
48	4 53 0	10 59 14	17 5 29	23 11 43	0.48	2 56	0.98	5 59
49	4 59 6	11 5 20	17 11 35	23 17 49	0.49	2 59	0.99	6 3
50	5 5 12	11 11 27	17 17 41	23 23 56	0.50	3 3	1.00	6 6
51	5 11 18	11 17 33	17 23 47	23 30 2				
52	5 17 25	11 23 39	17 29 54	23 36 8				
53	5 23 31	11 29 45	17 36 0	23 42 14				
54	5 29 37	11 35 52	17 42 6	23 48 21				
55	5 35 43	11 41 58	17 48 12	23 54 27				
56	5 41 50	11 48 4	17 54 19	24 0 33				
57	5 47 56	11 54 10	18 0 25	24 6 39				
58	5 54 2	12 0 17	18 6 31	24 12 46				
59	6 0 8	12 6 23	18 12 37	24 18 52				

Die Reduktion ist von der Sternzeit zu subtrahieren

	0^h	1^h	2^h	3^h	4^h	5^h		
m	d	d	d	d	d	d	s	d
0	0.000000	0.041667	0.083333	0.125000	0.166667	0.208333	0	0.000000
1	.000694	.042361	.084028	.125694	.167361	.209028	1	.000012
2	.001389	.043056	.084722	.126389	.168056	.209722	2	.000023
3	.002083	.043750	.085417	.127083	.168750	.210417	3	.000035
4	.002778	.044444	.086111	.127778	.169444	.211111	4	.000046
5	0.003472	0.045139	0.086806	0.128472	0.170139	0.211806	5	0.000058
6	.004167	.045833	.087500	.129167	.170833	.212500	6	.000069
7	.004861	.046528	.088194	.129861	.171528	.213194	7	.000081
8	.005556	.047222	.088889	.130556	.172222	.213889	8	.000093
9	.006250	.047917	.089583	.131250	.172917	.214583	9	.000104
10	0.006944	0.048611	0.090278	0.131944	0.173611	0.215278	10	0.000116
11	.007639	.049306	.090972	.132639	.174306	.215972	11	.000127
12	.008333	.050000	.091667	.133333	.175000	.216667	12	.000139
13	.009028	.050694	.092361	.134028	.175694	.217361	13	.000150
14	.009722	.051389	.093056	.134722	.176389	.218056	14	.000162
15	0.010417	0.052083	0.093750	0.135417	0.177083	0.218750	15	0.000174
16	.011111	.052778	.094444	.136111	.177778	.219444	16	.000185
17	.011806	.053472	.095139	.136806	.178472	.220139	17	.000197
18	.012500	.054167	.095833	.137500	.179167	.220833	18	.000208
19	.013194	.054861	.096528	.138194	.179861	.221528	19	.000220
20	0.013889	0.055556	0.097222	0.138889	0.180556	0.222222	20	0.000231
21	.014583	.056250	.097917	.139583	.181250	.222917	21	.000243
22	.015278	.056944	.098611	.140278	.181944	.223611	22	.000255
23	.015972	.057639	.099306	.140972	.182639	.224306	23	.000266
24	.016667	.058333	.100000	.141667	.183333	.225000	24	.000278
25	0.017361	0.059028	0.100694	0.142361	0.184028	0.225694	25	0.000289
26	.018056	.059722	.101389	.143056	.184722	.226389	26	.000301
27	.018750	.060417	.102083	.143750	.185417	.227083	27	.000313
28	.019444	.061111	.102778	.144444	.186111	.227778	28	.000324
29	.020139	.061806	.103472	.145139	.186806	.228472	29	.000336
30	0.020833	0.062500	0.104167	0.145833	0.187500	0.229167	30	0.000347
31	.021528	.063194	.104861	.146528	.188194	.229861	31	.000359
32	.022222	.063889	.105556	.147222	.188889	.230556	32	.000370
33	.022917	.064583	.106250	.147917	.189583	.231250	33	.000382
34	.023611	.065278	.106944	.148611	.190278	.231944	34	.000394
35	0.024306	0.065972	0.107639	0.149306	0.190972	0.232639	35	0.000405
36	.025000	.066667	.108333	.150000	.191667	.233333	36	.000417
37	.025694	.067361	.109028	.150694	.192361	.234028	37	.000428
38	.026389	.068056	.109722	.151389	.193056	.234722	38	.000440
39	.027083	.068750	.110417	.152083	.193750	.235417	39	.000451
40	0.027778	0.069444	0.111111	0.152778	0.194444	0.236111	40	0.000463
41	.028472	.070139	.111806	.153472	.195139	.236806	41	.000475
42	.029167	.070833	.112500	.154167	.195833	.237500	42	.000486
43	.029861	.071528	.113194	.154861	.196528	.238194	43	.000498
44	.030556	.072222	.113889	.155556	.197222	.238889	44	.000509
45	0.031250	0.072917	0.114583	0.156250	0.197917	0.239583	45	0.000521
46	.031944	.073611	.115278	.156944	.198611	.240278	46	.000532
47	.032639	.074306	.115972	.157639	.199306	.240972	47	.000544
48	.033333	.075000	.116667	.158333	.200000	.241667	48	.000556
49	.034028	.075694	.117361	.159028	.200694	.242361	49	.000567
50	0.034722	0.076389	0.118056	0.159722	0.201389	0.243056	50	0.000579
51	.035417	.077083	.118750	.160417	.202083	.243750	51	.000590
52	.036111	.077778	.119444	.161111	.202778	.244444	52	.000602
53	.036806	.078472	.120139	.161806	.203472	.245139	53	.000613
54	.037500	.079167	.120833	.162500	.204167	.245833	54	.000625
55	0.038194	0.079861	0.121528	0.163194	0.204861	0.246528	55	0.000637
56	.038889	.080556	.122222	.163889	.205556	.247222	56	.000648
57	.039583	.081250	.122917	.164583	.206250	.247917	57	.000660
58	.040278	.081944	.123611	.165278	.206944	.248611	58	.000671
59	.040972	.082639	.124306	.165972	.207639	.249306	59	.000683

m	6ʰ	7ʰ	8ʰ	9ʰ	10ʰ	11ʰ	s	d
	d	d	d	d	d	d		
0	0.250000	0.291667	0.333333	0.375000	0.416667	0.458333	0	0.000000
1	.250694	.292361	.334028	.375694	.417361	.459028	1	.000012
2	.251389	.293056	.334722	.376389	.418056	.459722	2	.000023
3	.252083	.293750	.335417	.377083	.418750	.460417	3	.000035
4	.252778	.294444	.336111	.377778	.419444	.461111	4	.000046
5	0.253472	0.295139	0.336806	0.378472	0.420139	0.461806	5	0.000058
6	.254167	.295833	.337500	.379167	.420833	.462500	6	.000069
7	.254861	.296528	.338194	.379861	.421528	.463194	7	.000081
8	.255556	.297222	.338889	.380556	.422222	.463889	8	.000093
9	.256250	.297917	.339583	.381250	.422917	.464583	9	.000104
10	0.256944	0.298611	0.340278	0.381944	0.423611	0.465278	10	0.000116
11	.257639	.299306	.340972	.382639	.424306	.465972	11	.000127
12	.258333	.300000	.341667	.383333	.425000	.466667	12	.000139
13	.259028	.300694	.342361	.384028	.425694	.467361	13	.000150
14	.259722	.301389	.343056	.384722	.426389	.468056	14	.000162
15	0.260417	0.302083	0.343750	0.385417	0.427083	0.468750	15	0.000174
16	.261111	.302778	.344444	.386111	.427778	.469444	16	.000185
17	.261806	.303472	.345139	.386806	.428472	.470139	17	.000197
18	.262500	.304167	.345833	.387500	.429167	.470833	18	.000208
19	.263194	.304861	.346528	.388194	.429861	.471528	19	.000220
20	0.263889	0.305556	0.347222	0.388889	0.430556	0.472222	20	0.000231
21	.264583	.306250	.347917	.389583	.431250	.472917	21	.000243
22	.265278	.306944	.348611	.390278	.431944	.473611	22	.000255
23	.265972	.307639	.349306	.390972	.432639	.474306	23	.000266
24	.266667	.308333	.350000	.391667	.433333	.475000	24	.000278
25	0.267361	0.309028	0.350694	0.392361	0.434028	0.475694	25	0.000289
26	.268056	.309722	.351389	.393056	.434722	.476389	26	.000301
27	.268750	.310417	.352083	.393750	.435417	.477083	27	.000313
28	.269444	.311111	.352778	.394444	.436111	.477778	28	.000324
29	.270139	.311806	.353472	.395139	.436806	.478472	29	.000336
30	0.270833	0.312500	0.354167	0.395833	0.437500	0 479167	30	0.000347
31	.271528	.313194	.354861	.396528	.438194	.479861	31	.000359
32	.272222	.313889	.355556	.397222	.438889	.480556	32	.000370
33	.272917	.314583	.356250	.397917	.439583	.481250	33	.000382
34	.273611	.315278	.356944	.398611	.440278	.481944	34	.000394
35	0.274306	0.315972	0.357639	0.399306	0.440972	0.482639	35	0.000405
36	.275000	.316667	.358333	.400000	.441667	.483333	36	.000417
37	.275694	.317361	.359028	.400694	.442361	.484028	37	.000428
38	.276389	.318056	.359722	.401389	.443056	.484722	38	.000440
39	.277083	.318750	.360417	.402083	.443750	.485417	39	.000451
40	0.277778	0.319444	0.361111	0.402778	0.444444	0.486111	40	0.000463
41	.278472	.320139	.361806	.403472	.445139	.486806	41	.000475
42	.279167	.320833	.362500	.404167	.445833	.487500	42	.000486
43	.279861	.321528	.363194	.404861	.446528	.488194	43	.000498
44	.280556	.322222	.363889	.405556	.447222	.488889	44	.000509
45	0.281250	0.322917	0.364583	0.406250	0.447917	0.489583	45	0.000521
46	.281944	.323611	.365278	.406944	.448611	.490278	46	.000532
47	.282639	.324306	.365972	.407639	.449306	.490972	47	.000544
48	.283333	.325000	.366667	.408333	.450000	.491667	48	.000556
49	.284028	.325694	.367361	.409028	.450694	.492361	49	.000567
50	0.284722	0.326389	0.368056	0.409722	0.451389	0.493056	50	0.000579
51	.285417	.327083	.368750	.410417	.452083	.493750	51	.000590
52	.286111	.327778	.369444	.411111	.452778	.494444	52	.000602
53	.286806	.328472	.370139	.411806	.453472	.495139	53	.000613
54	.287500	.329167	.370833	.412500	.454167	.495833	54	.000625
55	0.288194	0.329861	0.371528	0.413194	0.454861	0.496528	55	0.000637
56	.288889	.330556	.372222	.413889	.455556	.497222	56	.000648
57	.289583	.331250	.372917	.414583	.456250	.497917	57	.000660
58	.290278	.331944	.373611	.415278	.456944	.498611	58	.000671
59	.290972	.332639	.374306	.415972	.457639	.499306	59	.000683

Hilfstafeln

zur Berechnung der optischen Mondlibration

λ-☊	Δλ	a	B	λ-☊	λ-☊	Δλ	a	B	λ-☊
°	′		° ′	°	°	′		° ′	°
0	+0.0+	−0.0269+	−0 0.0+	180	45	+0.6+	−0.0190+	−1 5.3+	225
1	0.0	268	0 1.6	181	46	0.6	187	1 6.4	226
2	0.0	268	0 3.2	182	47	0.6	183	1 7.5	227
3	0.1	268	0 4.8	183	48	0.6	180	1 8.6	228
4	0.1	268	0 6.4	184	49	0.6	176	1 9.7	229
5	+0.1+	−0.0268+	−0 8.0+	185	50	+0.6+	−0.0173+	−1 10.7+	230
6	0.1	267	0 9.7	186	51	0.6	169	1 11.8	231
7	0.1	267	0 11.3	187	52	0.6	165	1 12.8	232
8	0.2	266	0 12.9	188	53	0.6	162	1 13.8	233
9	0.2	265	0 14.4	189	54	0.6	158	1 14.7	234
10	+0.2+	−0.0264+	−0 16.0+	190	55	+0.6+	−0.0154+	−1 15.6+	235
11	0.2	264	0 17.6	191	56	0.6	150	1 16.6	236
12	0.2	263	0 19.2	192	57	0.6	146	1 17.4	237
13	0.3	262	0 20.8	193	58	0.6	142	1 18.3	238
14	0.3	261	0 22.3	194	59	0.5	138	1 19.2	239
15	+0.3+	−0.0259+	−0 23.9+	195	60	+0.5+	−0.0134+	−1 20.0+	240
16	0.3	258	0 25.5	196	61	0.5	130	1 20.8	241
17	0.3	257	0 27.0	197	62	0.5	126	1 21.5	242
18	0.4	255	0 28.5	198	63	0.5	122	1 22.3	243
19	0.4	254	0 30.1	199	64	0.5	118	1 23.0	244
20	+0.4+	−0.0252+	−0 31.6+	200	65	+0.5+	−0.0114+	−1 23.7+	245
21	0.4	251	0 33.1	201	66	0.5	109	1 24.4	246
22	0.4	249	0 34.6	202	67	0.4	105	1 25.0	247
23	0.4	247	0 36.1	203	68	0.4	101	1 25.6	248
24	0.5	245	0 37.6	204	69	0.4	096	1 26.2	249
25	+0.5+	−0.0243+	−0 39.0+	205	70	+0.4+	−0.0092+	−1 26.8+	250
26	0.5	241	0 40.5	206	71	0.4	87	1 27.3	251
27	0.5	239	0 41.9	207	72	0.4	83	1 27.8	252
28	0.5	237	0 43.4	208	73	0.3	79	1 28.3	253
29	0.5	235	0 44.8	209	74	0.3	74	1 28.8	254
30	+0.5+	−0.0233+	−0 46.2+	210	75	+0.3+	−0.0070+	−1 29.2+	255
31	0.5	230	0 47.6	211	76	0.3	65	1 29.6	256
32	0.6	228	0 48.9	212	77	0.3	60	1 30.0	257
33	0.6	225	0 50.3	213	78	0.2	56	1 30.3	258
34	0.6	223	0 51.6	214	79	0.2	51	1 30.6	259
35	+0.6+	−0.0220+	−0 53.0+	215	80	+0.2+	−0.0047+	−1 30.9+	260
36	0.6	217	0 54.3	216	81	0.2	42	1 31.2	261
37	0.6	214	0 55.6	217	82	0.2	37	1 31.4	262
38	0.6	212	0 56.9	218	83	0.1	33	1 31.6	263
39	0.6	209	0 58.1	219	84	0.1	28	1 31.8	264
40	+0.6+	−0.0206+	−0 59.4+	220	85	+0.1+	−0.0023+	−1 32.0+	265
41	0.6	203	1 0.6	221	86	0.1	19	1 32.1	266
42	0.6	200	1 1.8	222	87	0.1	14	1 32.2	267
43	0.6	196	1 3.0	223	88	0.0	09	1 32.3	268
44	0.6	193	1 4.1	224	89	0.0	05	1 32.3	269
45	+0.6+	−0.0190+	−1 5.3+	225	90	+0.0+	−0.0000+	−1 32.3+	270

$$l' = \lambda + \Delta\lambda - a(B - \beta) - L_{☾}; \quad b' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort

$L_{☾}$ = Mittlere Länge des Mondes, ☊ = Mondknoten (siehe Seite 58)

Hilfstafeln

zur Berechnung der optischen Mondlibration

λ-☊	Δλ	a	B	λ-☊	λ-☊	Δλ	a	B	λ-☊
°	′		° ′	°	°	′		° ′	°
90	−0.0−	+0.0000−	−1 32.3+	270	135	−0.6−	+0.0190−	−1 5.3+	315
91	0.0	05	1 32.3	271	136	0.6	193	1 4.1	316
92	0.0	09	1 32.3	272	137	0.6	196	1 3.0	317
93	0.1	14	1 32.2	273	138	0.6	200	1 1.8	318
94	0.1	19	1 32.1	274	139	0.6	203	1 0.6	319
95	−0.1−	+0.0023−	−1 32.0+	275	140	−0.6−	+0.0206−	−0 59.4+	320
96	0.1	28	1 31.8	276	141	0.6	209	0 58.1	321
97	0.1	33	1 31.6	277	142	0.6	212	0 56.9	322
98	0.2	37	1 31.4	278	143	0.6	214	0 55.6	323
99	0.2	42	1 31.2	279	144	0.6	217	0 54.3	324
100	−0.2−	+0.0047−	−1 30.9+	280	145	−0.6−	+0.0220−	−0 53.0+	325
101	0.2	51	1 30.6	281	146	0.6	223	0 51.6	326
102	0.2	56	1 30.3	282	147	0.6	225	0 50.3	327
103	0.3	60	1 30.0	283	148	0.6	228	0 48.9	328
104	0.3	65	1 29.6	284	149	0.5	230	0 47.6	329
105	−0.3−	+0.0070−	−1 29.2+	285	150	−0.5−	+0.0233−	−0 46.2+	330
106	0.3	74	1 28.8	286	151	0.5	235	0 44.8	331
107	0.3	79	1 28.3	287	152	0.5	237	0 43.4	332
108	0.4	83	1 27.8	288	153	0.5	239	0 41.9	333
109	0.4	87	1 27.3	289	154	0.5	241	0 40.5	334
110	−0.4−	+0.0092−	−1 26.8+	290	155	−0.5−	+0.0243−	−0 39.0+	335
111	0.4	096	1 26.2	291	156	0.5	245	0 37.6	336
112	0.4	101	1 25.6	292	157	0.4	247	0 36.1	337
113	0.4	105	1 25.0	293	158	0.4	249	0 34.6	338
114	0.5	109	1 24.4	294	159	0.4	251	0 33.1	339
115	−0.5−	+0.0114−	−1 23.7+	295	160	−0.4−	+0.0252−	−0 31.6+	340
116	0.5	118	1 23.0	296	161	0.4	254	0 30.1	341
117	0.5	122	1 22.3	297	162	0.4	255	0 28.5	342
118	0.5	126	1 21.5	298	163	0.3	257	0 27.0	343
119	0.5	130	1 20.8	299	164	0.3	258	0 25.5	344
120	−0.5−	+0.0134−	−1 20.0+	300	165	−0.3−	+0.0259−	−0 23.9+	345
121	0.5	138	1 19.2	301	166	0.3	261	0 22.3	346
122	0.6	142	1 18.3	302	167	0.3	262	0 20.8	347
123	0.6	146	1 17.4	303	168	0.2	263	0 19.2	348
124	0.6	150	1 16.6	304	169	0.2	264	0 17.6	349
125	−0.6−	+0.0154−	−1 15.6+	305	170	−0.2−	+0.0264−	−0 16.0+	350
126	0.6	158	1 14.7	306	171	0.2	265	0 14.4	351
127	0.6	162	1 13.8	307	172	0.2	266	0 12.9	352
128	0.6	165	1 12.8	308	173	0.1	267	0 11.3	353
129	0.6	169	1 11.8	309	174	0.1	267	0 9.7	354
130	−0.6−	+0.0173−	−1 10.7+	310	175	−0.1−	+0.0268−	−0 8.0+	355
131	0.6	176	1 9.7	311	176	0.1	268	0 6.4	356
132	0.6	180	1 8.6	312	177	0.1	268	0 4.8	357
133	0.6	183	1 7.5	313	178	0.0	268	0 3.2	358
134	0.6	187	1 6 4	314	179	0.0	268	0 1.6	359
135	−0.6−	+0.0190−	−1 5.3+	315	180	−0.0−	+0.0269−	−0 0.0+	360

$$l' = \lambda + \Delta\lambda - a(B - \beta) - L_{☾}; \quad \beta' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort

$L_{☾}$ = Mittlere Länge des Mondes, ☊ = Mondknoten (siehe Seite 58)

Hilfsgrößen

zur Berechnung der geozentrischen Koordinaten

$\rho \sin \varphi' = s \sin \varphi$; $\rho \cos \varphi' = c \cos \varphi$

φ	log s	Δ	log c	Δ	φ	log s	Δ	log c	Δ
±0°	9.9970705	4	0.0000000	4	±40°	9.9976745	252	0.0006040	252
1	.9970709	14	.0000004	14	41	.9976997	254	.0006292	254
2	.9970723	22	.0000018	22	42	.9977251	255	.0006546	255
3	.9970745	31	.0000040	31	43	.9977506	255	.0006801	255
4	.9970776	40	.0000071	40	44	.9977761	255	.0007056	255
5	9.9970816	49	0.0000111	49	45	9.9978016	256	0.0007311	256
6	.9970865	57	.0000160	57	46	.9978272	255	.0007567	255
7	.9970922	66	.0000217	66	47	.9978527	255	.0007822	255
8	.9970988	74	.0000283	74	48	.9978782	254	.0008077	254
9	.9971062	83	.0000357	83	49	.9979036	252	.0008331	252
10	9.9971145	92	0.0000440	92	50	9.9979288	252	0.0008583	252
11	.9971237	99	.0000532	99	51	.9979540	249	.0008835	249
12	.9971336	108	.0000631	108	52	.9979789	247	.0009084	247
13	.9971444	116	.0000739	116	53	.9980036	245	.0009331	245
14	.9971560	123	.0000855	123	54	.9980281	242	.0009576	242
15	9.9971683	131	0.0000978	131	55	9.9980523	239	0.0009818	239
16	.9971814	139	.0001109	139	56	.9980762	235	.0010057	235
17	.9971953	146	.0001248	146	57	.9980997	232	.0010292	232
18	.9972099	154	.0001394	154	58	.9981229	228	.0010524	228
19	.9972253	160	.0001548	160	59	.9981457	224	.0010752	224
20	9.9972413	168	0.0001708	168	60	9.9981681	220	0.0010976	220
21	.9972581	174	.0001876	174	61	.9981901	215	.0011196	215
22	.9972755	180	.0002050	180	62	.9982116	209	.0011411	209
23	.9972935	187	.0002230	187	63	.9982325	205	.0011620	205
24	.9973122	192	.0002417	192	64	.9982530	199	.0011825	199
25	9.9973314	198	0.0002609	198	65	9.9982729	193	0.0012024	193
26	.9973512	204	.0002807	204	66	.9982922	188	.0012217	188
27	.9973716	209	.0003011	209	67	.9983110	181	.0012405	181
28	.9973925	214	.0003220	214	68	.9983291	175	.0012586	175
29	.9974139	219	.0003434	219	69	.9983466	168	.0012761	168
30	9.9974358	223	0.0003653	223	70	9.9983634	161	0.0012929	161
31	.9974581	227	.0003876	227	71	.9983795	154	.0013090	154
32	.9974808	232	.0004103	232	72	.9983949	147	.0013244	147
33	.9975040	235	.0004335	235	73	.9984096	140	.0013391	140
34	.9975275	238	.0004570	238	74	.9984236	132	.0013531	132
35	9.9975513	241	0.0004808	241	75	9.9984368	124	0.0013663	124
36	.9975754	245	.0005049	245	76	.9984492	117	.0013787	117
37	.9975999	246	.0005294	246	77	.9984609	108	.0013904	108
38	.9976245	249	.0005540	249	78	.9984717	100	.0014012	100
39	.9976494	251	.0005789	251	79	.9984817	92	.0014112	92
40	9.9976745		0.0006040		80	9.9984909		0.0014204	

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Abbadia	69	+43 22 52.2	+0 7 0.1	+ 1.15	+43 11 17.8	9.999317
Åbo	—	+60 26 56.8	—1 29 6.30	—14.64	+60 16 58.8	9.998894
Adelaide	43	—34 55 38.5	—9 14 20.42	—91.06	—34 44 46.1	9.999526
Albany (N. Stw.)[1])	40	+42 39 12.6	+4 55 6.36	+48.48	+42 27 39.5	9.999334
Alfred Centre N.Y.	556	+42 15 19.8	+5 11 7.13	+51.11	+42 3 47.6	9.999379
Algier (N. Stw.)[2]) .	342	+36 47 50	—0 12 8.38	— 1.99	+36 36 43	9.999501
Allegheny (N. Stw.)	370	+40 28 58.1	+5 20 5.39	+52.59	+40 17 31.4	9.999411
Allegheny (A. Stw.)	349	+40 27 41.6	+5 20 2.97	+52.58	+40 16 15.0	9.999411
Altenburg[3]) . .	229	+50 58 20	—0 49 44.16	— 8.17	+50 46 59	9.999135
Altona Mer.-Kreis[4])	31	+53 32 45.3	—0 39 46.19	— 6.53	+53 21 39.7	9.999058
Amherst (Neue Stw.)	110	+42 21 56.5	+4 50 5.98	+47.66	+42 10 24.0	9.999346
Amherst (Alte Stw.)	122	+42 22 17.1	+4 50 4.72	+47.66	+42 10 44.6	9.999347
Annapolis	—	+38 58 53.5	+5 5 56.53	+50.26	+38 47 33.6	9.999424
Ann Arbor . . .	285	+42 16 48.0	+5 34 55.23	+55.02	+42 5 15.7	9.999360
Arcetri Zentr. d. St.[5])	186	+43 45 14.4	—0 45 1.30	— 7.39	+43 33 39.5	9.999316
Arequipa	2451	—16 22 28.0	+4 46 11.73	+47.02	—16 16 12.7	0.000052
Armagh	61	+54 21 12.7	+0 26 35.4	+ 4.37	+54 10 13.1	9.999041
Athen	107	+37 58 19.7	—1 34 52.92	—15.58	+37 47 5.4	9.999456
Bamberg (Remeis' St.)	299	+49 53 6.0	—0 43 33.57	— 7.15	+49 41 40.0	9.999167
Barcelona[6]) . . .	420	+41 24 2	—0 8 35.1	— 1.41	+41 12 32	9.999392
Beloit	—	+42 30 9	+5 56 7.4	+58.51	+42 18 36	9.999335
Bergedorf Mer.-Kr.	35	+53 28 46.7	—0 40 57.74	— 6.73	+53 17 40.6	9.999060
Bergen	—	+60 23 54	—0 21 12.73	— 3.48	+60 13 55	9.998895
Berkeley	97	+37 52 23.6	+8 9 2.76	+80.34	+37 41 9.9	9.999458
Berlin Zentr. d. St.[7])	47	+52 30 16.7	—0 53 34.80	— 8.80	+52 19 4.2	9.999085
Berlin (Urania) . .	—	+52 31 30.7	—0 53 27.40	— 8.78	+52 20 18.3	9.999081
Bern	573	+46 57 8.7	—0 29 45.55	— 4.89	+46 45 34.5	9.999261
Besançon	312	+47 14 59.0	—0 23 57.1	— 3.93	+47 3 25.3	9.999236
Bethlehem[8]) . .	—	+40 36 23.5	+5 1 31.94	+49.54	+40 24 56.3	9.999383
Birr Castle[9]) . .	56	+53 5 47	+0 31 40.9	+ 5.20	+52 54 38	9.999070
Bogota	2700	+ 4 35 48	+4 56 59	+48.79	+ 4 33 57	0.000175
Bologna Zentr. d. Stw.	84	+44 29 52.8	—0 45 24.48	— 7.46	+44 18 17.3	9.999290
Bombay (Colaba) .	19	+18 53 36.2	—4 51 15.70	—47.85	+18 46 31.1	9.999849
Bonn Zentr. d. Stw. .	62	+50 43 45.0	—0 28 23.18	— 4.66	+50 32 22.7	9.999130
Bordeaux (Floirac)	73	+44 50 7.2	+0 2 5.50	+ 0.34	+44 38 31.6	9.999281
Boston (University)	—	+42 21 32.5	+4 44 15.0	+46.70	+42 10 0.0	9.999339

[1]) Dudley Observatory, seit Juni 1893. Alte Sternwarte 37″.0 nördlich, 7ˢ.10 östlich. — [2]) Alte Sternwarte 3′.8 südlich, 8ˢ östlich. — [3]) Fr. Krüger. — [4]) 1873 nach Kiel verlegt. — [5]) Seit Oktober 1872, früher in Florenz. — [6]) J. Comas Solá. — [7]) Seit 1835. Alte Sternwarte 56″.4 nördlich. 0ˢ.39 westlich. Die provisorischen Koordinaten der neuen Sternwarte in Neubabelsberg sind:

$$\Delta l = +1^m 9^s.4, \qquad \varphi = +52^\circ 24'.4.$$

[8]) Sayre Observatory, auch South-Bethlehem. — [9]) Earl of Rosse.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Bothkamp[1]	32	+54 12 9.6	− 0 40 31.2	− 6.65	+54 1 8.8	9.999042
Bremen (Olbers' Stw.)	—	+53 4 36	− 0 35 15	− 5.79	+52 53 27	9.999067
Breslau Zentr. d. Stw.	147	+51 6 56.5	− 1 8 8.72	− 11.19	+50 55 36.1	9.999126
Breteuil Zentr.[2]	66	+48 49 48	− 0 8 52.9	− 1.46	+48 38 18	9.999178
Brisbane	—	−27 28 0	−10 12 6.4	−100.55	−27 18 32	9.999691
Brüssel (Alte St.) Pass.Instr.	56	+50 51 10.7	− 0 17 28.71	− 2.87	+50 39 49.0	9.999126
Brüssel (Uccle) Mer.-Kreis	102	+50 47 55.5	− 0 17 26.06	− 2.86	+50 36 33.6	9.999131
Budapest[3]	110	+47 28 49	− 1 16 13.7	− 12.53	+47 17 16	9.999215
Bukarest (Mil. Geogr. Inst.)	85	+44 24 34.2	− 1 44 27.01	− 17.16	+44 12 58.7	9.999292
Cambridge Engl.	28	+52 12 51.6	− 0 0 22.75	− 0.06	+52 1 37.3	9.999090
Cambridge Mass.[4]	24	+42 22 47.6	+ 4 44 31.02	+ 46.74	+42 11 15.1	9.999340
Cap d. gut. Hoffnung	16	−33 56 3.2	− 1 13 54.74	− 12.14	−33 45 19.6	9.999548
Catania	60	+37 30 13.3	− 1 0 20.6	− 9.91	+37 19 1.9	9.999465
Chapultepec (Alte Stw.)[5]	—	+19 25 17.5	+ 6 36 38.28	+ 65.16	+19 18 2.3	9.999840
Charkow	138	+50 0 10.2	− 2 24 54.6	− 23.81	+49 48 44.7	9.999153
Charlottenburg, Techn. Hochsch.	60	+52 30 48.7	− 0 53 20.5	− 8.76	+52 19 36.2	9.999085
Charlottesville[6]	250	+38 2 1.2	+ 5 14 5.26	+ 51.60	+37 50 46.5	9.999464
Chicago (Alte Stw.)[7]	—	+41 50 1.0	+ 5 50 26.82	+ 57.57	+41 38 29.8	9.999352
Christiania Mer.-Kreis	25	+59 54 43.7	− 0 42 53.51	− 7.04	+59 44 39.2	9.998908
Cincinnati (Alte Stw.)	—	+39 6 26.5	+ 5 37 59.09	+ 55.52	+38 55 6.0	9.999421
Cincinnati (Neue Stw.)[8]	263	+39 8 19.8	+ 5 37 41.33	+ 55.47	+38 56 59.1	9.999438
Cleveland (Case Obs.)	212	+41 30 14.5	+ 5 26 25.86	+ 53.63	+41 18 44.3	9.999375
Clinton (Litchfield Obs.)	276	+43 3 16.5	+ 5 1 37.48	+ 49.55	+42 51 42.6	9.999340
Coimbra	99	+40 12 24.5	+ 0 33 43.1	+ 5.54	+40 0 58.9	9.999400
Columbia Missouri[9]	225	+38 56 51.7	+ 6 9 18.37	+ 60.67	+38 45 32.0	9.999440
Cordoba	439	−31 25 15.5	+ 4 16 48.2	+ 42.19	−31 14 57.5	9.999635
Danzig	3	+54 21 18.0	− 1 14 39.5	− 12.26	+54 10 18.4	9.999036
Denver[10]	1650	+39 40 36.4	+ 6 59 47.67	+ 68.96	+39 29 13.1	9.999519
Dorpat Mer.-Kreis	73	+58 22 47.1	− 1 46 53.23	− 17.56	+58 12 25.0	9.998946
Dresden (Neue Stw.)[11]	121	+51 2 16.8	− 0 54 54.74	− 9.02	+50 50 56.1	9.999126
Dresden (Mathem. Salon)	—	+51 3 14.7	− 0 54 55.83	− 9.02	+50 51 54.0	9.999117
Dublin (Dunsink Obs.)	86	+53 23 13.1	+ 0 25 21.1	+ 4.17	+53 12 6.4	9.999065
Düsseldorf (Bilk)	46	+51 12 25.0	− 0 27 2.69	− 4.44	+51 1 5.1	9.999117
Dunecht[12]	141	+57 9 36	+ 0 9 40	+ 1.59	+56 59 1	9.998979
Durham	107	+54 46 6.2	+ 0 6 19.7	+ 1.04	+54 35 9.8	9.999033
Edinburg	106	+55 57 23.2	+ 0 12 43.05	+ 2.09	+55 46 37.0	9.999005

[1]) Herr von Bülow. — [2]) Bureau international des Poids et Mesures. — [3]) Observ. der Kgl. ungar. Universität. — [4]) Harvard College Observatory. — [5]) 1883 nach Tacubaya verlegt. — [6]) Leander Mc. Cormick Obs. der University of Virginia. — [7]) 1887 geschlossen. — [8]) Mount Lookout, seit 1873. — [9]) Laws Observatory. — [10]) University Park, Chamberlin Observatory. — [11]) v. Engelhardt; Herbst 1897 aufgelöst. Alte Sternwarte 14″.2 nördlich, 1s.57 westlich. — [12]) Earl of Crawford.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Edinburg (Blackf. Hill)	134	+55 55 28.0	+0 12 44.0	+ 2.09	+55 44 41.5	9.999007
Evanston (Dearborn Obs.)	175	+42 3 33.4	+5 50 42.3	+57.61	+41 52 1.6	9.999358
Flagstaff (Lowell Obs.)	2210	+35 12 30.5	+7 26 44.6	+73.39	+35 1 35.8	9.999667
Florenz (Alte Sternw.)[1]	73	+43 46 4.1	—0 45 1.30	— 7.40	+43 34 29.2	9.999308
Florenz (Mil. Geogr. Inst.)	—	+43 46 49.3	—0 45 2.52	— 7.40	+43 35 14.4	9.999303
Frankfurt a. M.	121	+50 7 0	—0 34 36.3	— 5.70	+49 55 35	9.999149
Genf Mer.-Kreis	407	+46 11 59.1	—0 24 36.61	— 4.04	+46 0 23.9	9.999269
Genua (Mar. Stw.) Mer.-Kr.	105	+44 25 9.3	—0 35 41.28	— 5.86	+44 13 33.8	9.999293
Georgetown D. C.	46	+38 54 26.2	+5 8 18.33	+50.65	+38 43 6.7	9.999429
Glasgow Schottl.	55	+55 52 42.6	+0 17 10.55	+ 2.82	+55 41 55.7	9.999003
Glasgow Missouri	228	+39 13 45.6	+6 11 18.06	+61.00	+39 2 24.5	9.999433
Göttingen Mer.-Kreis	161	+51 31 48.2	—0 39 46.22	— 6.53	+51 20 30.0	9.999117
Gohlis[2]	108	+51 21 35.0	—0 49 29.54	— 8.13	+51 10 15.9	9.999117
Gotha (Neue Stw.) Zentr. d. St.[3]	320	+50 56 37.5	—0 42 50.52	— 7.04	+50 45 16.3	9.999142
Graz	375	+47 4 37.2	—1 1 48	—10.15	+46 53 3.2	9.999244
Greenwich Transit Circle	47	+51 28 38.1	0 0 0.00	0.00	+51 17 19.6	9.999110
Grignon	—	+47 33 42	—0 17 38	— 2.89	+47 22 9	9.999206
Groningen	4	+53 13 19.1	—0 26 15.2	— 4.31	+53 2 11.3	9.999064
Hamburg (Alt. Stw.) M.-Kr.[4]	25	+53 33 6.0	—0 39 53.60	— 6.55	+53 22 0.4	9.999057
Hamburg (D. Seewarte)	30	+53 32 51.8	—0 39 53.42	— 6.55	+53 21 46.2	9.999058
Hanover N. H.	183	+43 42 15.2	+4 49 8.00	+47.50	+43 30 40.4	9.999317
Harrow (Col. Tupmann)	66	+51 34 47.4	+0 1 19.9	+ 0.39	+51 23 29.5	9.999109
Hastings on Huds.[5]	—	+40 59 25	+4 55 29.7	+48.55	+40 47 56	9.999373
Haverford	—	+40 0 36.5	+5 1 12.79	+49.48	+39 49 11.8	9.999398
Heidelberg (Wolfs Stw.)	—	+49 24 35	—0 34 48.4	— 5.72	+49 13 7	9.999159
Heidelberg (Königst.) M.-Kr.	570	+49 23 54.6	—0 34 53.13	— 5.73	+49 12 26.8	9.999198
St. Helena	210	—15 55 26	+0 22 52.2	+ 3.76	—15 49 20	9.999905
Helsingfors Mer.-Kreis	38	+60 9 42.6	—1 39 49.10	—16.40	+59 59 41.1	9.998903
Helwan	119	+29 51 33	—2 5 22	—20.59	+29 41 33	9.999648
Herény (von Gothard)	229	+47 15 47.4	—1 6 24.6	—10.91	+47 4 13.7	9.999229
Hongkong	34	+22 18 13.2	—7 36 41.9	—75.02	+22 10 5.8	9.999793
Hudson	—	+41 14 42.6	+5 25 44.19	+53.51	+41 3 13.2	9.999367
Ipswich (Orwell Park)[6]	—	+52 0 33	—0 4 55.8	— 0.81	+51 49 17	9.999094
Jena (Univers.) Zentr. d. St.	156	+50 55 35.6	—0 46 20.22	— 7.61	+50 44 14.3	9.999131
Jena (Winkler)	174	+50 56 15.7	—0 46 20.73	— 7.61	+50 44 54.5	9.999132
Johannesburg	1806	—26 10 55.0	—1 52 18.00	—18.45	—26 1 45.2	9.999840

[1]) 1872 nach Arcetri verlegt. — [2]) Winkler, August 1887 nach Jena verlegt. — [3]) Seit 1857, früher Seeberg. — [4]) 1909 nach Bergedorf verlegt. — [5]) Dr. Draper. — [6]) Col. Tomline.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Kairo	—	+30 4 38.2	—2 5 8.80	—20.56	+29 54 35.8	9.999635
Kalocsa [1]	110	+46 31 42	—1 15 54.2	—12.47	+46 20 7	9.999240
Karlsruhe [2]	110	+49 0 29.6	—0 33 35.40	— 5.52	+48 49 0.4	9.999177
Kasan (Univers.)	79	+55 47 24.3	—3 16 28.93	—32.28	+55 36 36.6	9.999007
Kasan (Engelhardt)	98	+55 50 20.0	—3 15 16.4	—32.08	+55 39 32.7	9.999007
Kew	10	+51 28 6	+0 1 15.1	+ 0.21	+51 16 47	9.999108
Kiel Neuer Mer.-Kreis	52	+54 20 27.6	—0 40 35.45	— 6.67	+54 9 27.9	9.999040
Kiel Alter Mer.-Kreis	47	+54 20 28.5	—0 40 35.57	— 6.67	+54 9 28.8	9.999040
Kiew Mer.-Kreis	179	+50 27 12.5	—2 2 0.57	—20.04	+50 15 49.0	9.999145
Kis Kartal [3]	—	+47 41 54.8	—1 18 11.6	—12.84	+47 30 22.0	9.999202
Königsberg Reps. M.-Kr. [4]	22	+54 42 50.6	—1 21 58.98	—13.47	+54 31 53.8	9.999029
Kopenhagen (Neue Stw.) [5]	14	+55 41 12.6	—0 50 18.69	— 8.26	+55 30 24.0	9.999005
Kopenhagen (Urania-St.)	10	+55 41 19.2	—0 50 9.11	— 8.24	+55 30 30.6	9.999005
Krakau Mer.-Kreis	221	+50 3 51.9	—1 19 50.28	—13.11	+49 52 26.7	9.999158
Kremsmünster Mer.-Kr.	384	+48 3 23.1	—0 56 31.58	— 9.28	+47 51 51.1	9.999219
Landstuhl (Fauth)	385	+49 24 42.5	—0 30 16.35	— 4.97	+49 13 14.7	9.999185
La Plata	12	—34 54 30	+3 51 37.1	+38.05	—34 43 38	9.999524
Leiden (Neue Stw.) Mer.-Kr. [6]	6	+52 9 20.2	—0 17 56.15	— 2.94	+51 58 5.6	9.999090
Leipzig (Neue Stw.) Zentr. [7]	119	+51 20 5.9	—0 49 33.93	— 8.14	+51 8 46.7	9.999119
Lemberg	338	+49 50 11	—1 36 4	—15.78	+49 38 45	9.999171
Leyton [8]	—	+51 34 34.0	+0 0 0.9	0.00	+51 23 16.1	9.999105
Lissabon (Tupada)	94	+38 42 30.5	+0 36 44.78	+ 6.04	+38 31 12.0	9.999437
Lissabon (Mar. Stw.)	—	+38 42 17.6	+0 36 33.6	+ 6.01	+38 30 59.2	9.999431
Liverpool (Neue Stw.) [9]	61	+53 24 3.8	+0 12 17.2	+ 2.02	+53 12 57.2	9.999063
London [10]	—	+51 31 30	+0 0 37.1	+ 0.10	+51 20 12	9.999106
Lourenço Marques	59	—25 58 4.9	—2 10 22.63	—21.42	—25 48 58.3	9.999725
Lübeck (Navig.-Sch.)	19	+53 51 31.1	—0 42 45.6	— 7.02	+53 40 27.8	9.999049
Lund Zentr. d. Stw.	34	+55 41 52.0	—0 52 44.97	— 8.66	+55 31 3.5	9.999006
Lussinpiccolo [11]	42	+44 32 11	—0 57 52.3	— 9.50	+44 20 35	9.999286
Lüttich Ougrée	128	+50 37 6	—0 22 12	— 3.65	+50 25 43	9.999137
Lyon	299	+45 41 40.8	—0 19 8.0	— 3.14	+45 30 5.3	9.999274
Madison (Washburn Obs.)	293	+43 4 36.7	+5 57 37.90	+58.75	+42 53 2.8	9.999340
Madras	7	+13 4 8.1	—5 20 59.33	—52.73	+12 59 2.6	9.999926
Madrid Zentr. d. Stw.	655	+40 24 29.7	+0 14 45.09	+ 2.43	+40 13 3.3	9.999433
Mailand Gr. Turm	120	+45 27 59.4	—0 36 45.89	— 6.04	+45 16 23.8	9.999268
Manila	3	+14 35 25	—8 3 50	—79.48	+14 29 47	9.999908

[1] Erzbischöfl. Haynaldsche Sternwarte. — [2] 1896 nach Heidelberg verlegt. — [3] Baron von Podmaniczky. — [4] Nach 1898, vor 1898 0s.01 westlich. — [5] Seit 1861 Nov. 11. Alte Sternwarte 20″.3 südlich, 0s.03 westlich. — [6] Seit 1860. Alte Sternwarte 8″.0 nördlich, 0s.42 östlich. — [7] Seit 1861. Alte Sternwarte 14″.2 nördlich, 4s.00 westlich. — [8] J. Gurney Barclay. — [9] Alte Sternwarte 44″.0 nördlich, 17s.1 östlich. — [10] Regents Park, G. Bishop 1836—61. — [11] Manora-Sternwarte.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Mannheim Zentr. d. Stw.	98	+49 29 11.0	−0 33 50.42	− 5.56	+49 17 43.5	9.999164
Marburg	248	+50 48 46.9	−0 35 4.9	− 5.76	+50 37 25.0	9.999141
Mare Island Calif. .	18	+38 5 55.8	+8 9 5.59	+80.35	+37 54 40.8	9.999447
Markree (Col. Cooper) .	45	+54 10 31.7	+0 33 48.4	+ 5.56	+53 59 30.7	9.999043
Marseille (N. St.) M.-Kr.[1]	75	+43 18 19.1	−0 21 34.56	− 3.54	+43 6 44.8	9.999320
Melbourne	28	−37 49 53.1	−9 39 54.17	−95.26	−37 38 39.6	9.999454
Meudon	162	+48 48 18	−0 8 55.5	− 1.46	+48 36 48	9.999185
Mexico	2277	+19 26 1.3	+6 36 26.71	+65.13	+19 18 45.9	9.999995
Middletown Conn. .	—	+41 33 16.0	+4 50 37.2	+47.74	+41 21 45.7	9.999359
Modena	63	+44 38 52.8	−0 43 42.8	− 7.18	+44 27 17.2	9.999285
Moncalieri	—	+44 59 51	−0 30 49	− 5.06	+44 48 15	9.999272
Montreal	20	+45 30 17.0	+4 54 18.65	+48.35	+45 18 41.4	9.999260
Mt. Hamilton (Lick) Mkr.	1283	+37 20 25.6	+8 6 34.85	+79.94	+37 9 15.2	9.999552
Mt. Wilson Calif. . .	1731	+34 12 59.5	+7 52 14.33	+77.47	+34 2 13.3	9.999658
Moskau Mer.-Kr. . . .	142	+55 45 19.5	−2 30 17.03	−24.69	+55 34 31.5	9.999012
Mundenheim[2] . . .	—	+49 27 30	−0 33 44	− 5.54	+49 16 2	9.999158
München West-Kuppel	529	+48 8 45.5	−0 46 26.02	− 7.63	+47 57 13.8	9.999227
Nashville (Vanderbilt Obs.)	—	+36 8 58.2	+5 47 12.81	+57.04	+35 57 56.1	9.999494
Natal	79	−29 50 46.6	−2 4 1.18	−20.37	−29 40 47.0	9.999645
Neapel (Capo di M.) . .	164	+40 51 45.4	−0 57 1.6	− 9.37	+40 40 17.3	9.999388
Neuchâtel	488	+46 59 50.6	−0 27 49.75	− 4.57	+46 48 16.5	9.999254
New Haven (Neue Stw.)[3]	40	+41 19 22.3	+4 51 40.53	+47.92	+41 7 52.7	9.999368
New York (Rutherfurd)	—	+40 43 48.5	+4 55 56.66	+48.62	+40 32 20.9	9.999380
New York (Columb. C.)	—	+40 45 23.1	+4 55 53.73	+48.61	+40 33 55.4	9.999379
Nikolajew	55	+46 58 22.1	−2 7 53.76	−21.01	+46 46 47.9	9.999225
Nizza Kl. Mer.-Kr.[4] . .	378	+43 43 16.9	−0 29 12.15	− 4.79	+43 31 42.0	9.999330
Northfield (Goodsell Obs.)	286	+44 27 41.6	+6 12 36.0	+61.21	+44 16 6.1	9.999305
Oakland Californ.[5] .	11	+37 48 5	+8 9 6.3	+80.35	+37 36 52	9.999454
Odessa (Univ.-Stw.) Mer.-Kr.	55	+46 28 36.2	−2 3 2.05	−20.21	+46 17 1.3	9.999237
Odessa (Filiale Pulkowa)	—	+46 28 36.0	−2 3 2.19	−20.21	+46 17 1.1	9.999234
Ogden Utah	—	+41 13 8.6	+7 27 59.65	+73.60	+41 1 39.3	9.999368
O-Gyalla Astroph. Obs.[6]	113	+47 52 27.3	−1 12 45.49	−11.95	+47 40 54.9	9.999206
Olmütz[7]	—	+49 35 43	−1 9 8	−11.35	+49 24 16	9.999154
Ottawa	84	+45 23 37.3	+5 2 51.93	+49.75	+45 12 1.7	9.999267
Oxford (Radcl. Obs.) . .	65	+51 45 35.4	+0 5 2.6	+ 0.83	+51 34 18.5	9.999104
Oxford (Univers.) . . .	64	+51 45 34.2	+0 5 0.4	+ 0.82	+51 34 17.3	9.999104

1) Seit 1866. Alte Sternwarte 30″.1 südlich, 6s.2 westlich; 29m. — 2) Dr. Max Mündler. — 3) Yale University. Alte Sternwarte 45″.8 südlich, 1s.58 westlich. — 4) Herr R. Bischofsheim. — 5) Chabot Observatory. — 6) Stiftung von Konkoly. — 7) Herr von Unkrechtsberg.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Oxford Mississippi .	—	+34 22 12.6	+ 5 58 7.1	+58.83	+34 11 25.1	9.999536
Padua Mauer-Quadr. . .	31	+45 24 1.0	— 0 47 29.15	— 7.80	+45 12 25.4	9.999263
Palermo	76	+38 6 44.0	— 0 53 25.80	— 8.78	+37 55 28.9	9.999451
Paramatta	—	—33 48 49.8	—10 4 0.2	—99.22	—33 38 7.3	9.999550
Paris (Obs. nat.) Mer. Cassini	59	+48 50 11.2	— 0 9 20.94	— 1.53	+48 38 41.5	9.999177
Paris (Montsouris) westl. Mer.	—	+48 49 18.0	— 0 9 20.70	— 1.53	+48 37 48.2	9.999174
Parma (Univ.-Stw.) Turm.	—	+44 48 4.7	— 0 41 18.79	— 6.39	+44 36 29.1	9.999277
Perth West.-Austr. . .	60	—31 57 9.6	— 7 43 21.74	—76.12	—31 46 45.8	9.999597
Petersburg (Akademie)	20	+59 56 29.7	— 2 1 13.35	—19.91	+59 46 25.5	9.998907
Petersburg (Univers.) .	4	+59 56 32.0	— 2 1 11.3	—19.91	+59 46 27.8	9.998906
Philadelphia (Alte Stw.)	—	+39 57 7.5	+ 5 0 38.49	+49.39	+39 45 43.0	9.999400
Philadelphia[1] . . .	74	+39 58 2.1	+ 5 1 6.6	+49.47	+39 46 37.5	9.999404
Plonsk[2]	—	+52 37 40.0	— 1 21 31.9	—13.39	+52 26 28.2	9.999078
Pola	32	+44 51 48.6	— 0 55 22.96	— 9.10	+44 40 12.9	9.999277
Porto Alegre[3] Mer.-Kr.	—	—30 1 51	+ 3 24 53.2	+33.66	—29 51 49	9.999636
Portsmouth	—	+50 48 3	+ 0 4 24.8	+ 0.73	+50 36 41	9.999124
Potsdam (Astrophys. Obs.)	97	+52 22 56.0	— 0 52 15.86	— 8.58	+52 11 42.7	9.999091
Potsdam (Geod. Inst.) Turm	97	+52 22 54.8	— 0 52 16.12	— 8.58	+52 11 41.5	9.999091
Poughkeepsie[4] . . .	46	+41 41 18	+ 4 55 33.6	+48.56	+41 29 47	9.999359
Prag (Univ.-Stw.) Turm .	197	+50 5 16.0	— 0 57 40.29	— 9.47	+49 53 50.9	9.999155
Prag (Safarik)	—	+50 4 24	— 0 57 48	— 9.49	+49 52 59	9.999142
Princeton N. J. (N. Stw.)[5]	76	+40 20 55.8	+ 4 58 39.53	+49.06	+40 9 29.7	9.999395
Providence[6]	64	+41 49 46.4	+ 4 45 37.62	+46.92	+41 38 15.2	9.999356
Pulkowa Zentr. d. Stw.	75	+59 46 18.7	— 2 1 18.58	—19.93	+59 36 12.5	9.998914
Quebec Canada . . .	94	+46 48 17.3	+ 4 44 49.4	+46.79	+46 36 42.9	9.999232
Quito	2846	— 0 14 0	+ 5 15 20	+51.80	— 0 13 54	0.000194
Riga (Polytechnikum) Turm	—	+56 57 7	— 1 36 28.11	—15.84	+56 46 30	9.998974
Rio de Janeiro . . .	63	—22 54 23.7	+ 2 52 41.52	+28.37	—22 46 6.0	9.999784
Rochester (Lewis Swift)	172	+43 9 16.8	+ 5 10 21.87	+50.98	+42 57 42.7	9.999330
Rom (Coll. Rom.) Mer.-Kr.	59	+41 53 53.6	— 0 49 55.36	— 8.19	+41 42 22.3	9.999354
Rom (Capitol) Mer.-Kr.	63	+41 53 33.5	— 0 49 56.34	— 8.20	+41 42 2.2	9.999355
Rom (Vatican) Mer.-Kr.	100	+41 54 16.8	— 0 49 49.28	— 8.18	+41 42 45.5	9.999357
Rousdon	157	+50 42 38	+ 0 11 58.9	+ 1.96	+50 31 16	9.999137
Rugby	117	+52 22 7	+ 0 5 2.0	+ 0.83	+52 10 54	9.999093
St. Louis Missouri . .	—	+38 38 3.6	+ 6 0 49.15	+59.28	+38 26 45.5	9.999433
San Fernando . . .	31	+36 27 40.4	+ 0 24 49.37	+ 4.08	+36 16 36.1	9.999488

[1]) Flower Obs. (Univ. of Pennsylvania). — [2]) Dr. Jedrzejewicz; 1898 nach Warschau verlegt. — [3]) Observatorio Regional do Rio Grande do Sul. — [4]) Vassar College. — [5]) Alte Sternwarte 2″.0 nördlich, 1ˢ.94 östlich; 65ᵐ. — [6]) Seagrave; Ladd Observatory 35″ nördlich, 1ˢ.57 östlich.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
San Francisco[1] . . .	— m	+37° 47′ 28.″0	+ 8h 9m 42.s81	+80.s45	+37° 36′ 14.″8	9.999453
Santiago de Chile (N. St.)	519	−33 26 42.0	+ 4 42 46.4	+46.44	−33 16 3.0	9.999594
Santiago de Chile (A. St.)	619	−33 26 25.4	+ 4 42 36.9	+46.42	−33 15 46.4	9.999600
Scarborough	—	+54 16 30	+ 0 1 38.9	+ 0.27	+54 5 30	9.999038
Schwerin	—	+53 37 37.9	− 0 45 40.80	− 7.50	+53 26 32.9	9.999054
Seeberg[2]	356	+50 56 5.2	− 0 42 55.10	− 7.05	+50 44 44.0	9.999145
Sétif	1113	+36 11 19	− 0 21 38.3	− 3.55	+36 0 17	9.999569
South Hadley	76	+42 15 18.2	+ 4 50 20.38	+47.70	+42 3 45.9	9.999346
Speyer	—	+49 18 55.2	− 0 33 45.51	− 5.54	+49 7 27.1	9.999161
Stockholm Mer.-Kreis .	44	+59 20 32.7	− 1 12 13.97	−11.86	+59 10 21.4	9.998922
Stonyhurst.	116	+53 50 40.0	+ 0 9 52.7	+ 1.62	+53 39 36.5	9.999056
Straßburg (Prov. Stw.) .	161	+48 34 54.0	− 0 31 2.37	− 5.10	+48 23 23.5	9.999191
Straßburg (N.St.). M.-Kr.[3]	144	+48 35 0.4	− 0 31 4.53	− 5.10	+48 23 29.9	9.999190
Sydney	44	−33 51 41.1	−10 4 49.60	−99.35	−33 40 58.2	9.999551
Tacubaya[4]	2322	+19 24 17.5	+ 6 36 46.53	+65.18	+19 17 2.6	9.999998
Taschkent	457	+41 19 31.3	− 4 37 10.69	−45.53	+41 8 1.7	9.999396
Taunton Mass. (Metcalf) .	8	+41 54	+ 4 44 20	+46.71	+41 42	9.999351
Teramo (Cerulli)	398	+42 39 27	− 0 54 56	− 9.02	+42 27 54	9.999358
Tokio	—	+35 39 17.5	− 9 18 58.0	−91.82	+35 28 19.2	9.999506
Toronto	108	+43 39 35.9	+ 5 17 34.69	+52.17	+43 28 1.1	9.999313
Tortosa (Ebro-Stw.) M.-Kr.	—	+40 49 14	− 0 1 58.5	− 0.32	+40 37 46	9.999378
Toulouse	194	+43 36 45.3	− 0 5 51.0	− 0.96	+43 25 10.6	9.999320
Triest	23	+45 38 45.4	− 0 55 2.90	− 9.04	+45 27 9.9	9.999256
Troy N. Y.	—	+42 43 52.9	+ 4 54 44.6	+48.42	+42 32 19.6	9.999329
Tsingtau (Met.-astr. Stat.)	—	+36 4 11.3	− 8 1 16.21	−79.06	+35 53 9.8	9.999496
Tulse Hill (W. Huggins) .	53	+51 26 47.0	+ 0 0 27.7	+ 0.08	+51 15 28.4	9.999111
Turin Mer.-Kr.	276	+45 4 7.9	− 0 30 47.15	− 5.06	+44 52 32.2	9.999288
Twickenham (G. Bishop)	—	+51 27 4.2	+ 0 1 13.1	+ 0.20	+51 15 45.6	9.999108
Upsala (N. Stw.) Pass.-Instr.	21	+59 51 29.4	− 1 10 30.13	−11.58	+59 41 24.2	9.998909
Urbana Jll.	236	+40 6 20.2	+ 5 52 53.97	+57.97	+39 54 55.1	9.999412
Utrecht	12	+52 5 9.5	− 0 20 31.6	− 3.37	+51 53 54.4	9.999093
Valkenburg (Ignatius Coll.)	—	+50 52 29.3	− 0 23 19.91	− 3.83	+50 41 7.8	9.999122
Venedig	15	+45 26 10.5	− 0 49 22.12	− 8.11	+45 14 34.9	9.999261
Warschau[5] Zentr. d. Stw.	110	+52 13 4.6	− 1 24 7.25	−13.82	+52 1 50.3	9.999096
Warschau[6]	—	+52 13 10	− 1 24 5	−13.81	+52 1 56	9.999088
Washington (Alte Stw.)	31	+38 53 38.9	+ 5 8 12.13	+50.63	+38 42 19.4	9.999428

[1]) Davidson Observatory. — [2]) Alte Sternwarte, 1857 nach Gotha verlegt. — [3]) Seit Anfang 1881. — [4]) Seit März 1883, früher in Chapultepec. — [5]) Universitäts-Sternwarte. — [6]) Dr. Jedrzejewicz; seit 1898, früher in Plonsk.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Washington (Neue Stw.) .	82	+38 55 14.0	+ 5 8 15.80	+ 50.64	+38 43 54.4	9.999431
Washington (Kath.Univ.) .	—	+38 56 14.8	+ 5 8 0.0	+ 50.60	+38 44 55.1	9.999425
Wellington Transit Instr.[1]	127	−41 17 3.8	−11 39 4.27	−114.84	−41 5 34.3	9.999375
Wellington (Mt. Cook Obs.)[2]	44	−41 16 47.1	−11 39 5.31	−114.84	−41 5 17.6	9.999369
West Point N.Y. (N. Stw.)[3]	170	+41 23 22.1	+ 4 55 50.6	+ 48.60	+41 11 52.3	9.999375
Whitestone (Field Obs.) .	—	+40 47 21.6	+ 4 55 7.7	+ 48.48	+40 35 53.8	9.999379
Wien (Alte Sternw.)	167	+48 12 35.5	— 1 5 31.61	— 10.76	+48 1 3.9	9.999201
Wien (Josephstadt)[4] . . .	214	+48 12 53.8	— 1 5 25.17	— 10.74	+48 1 22.2	9.999204
Wien (Neue Sternw.) Zentr. .	240	+48 13 55.4	— 1 5 21.36	— 10.73	+48 2 23.9	9.999205
Wien (Ottakring)[5]	285	+48 12 46.7	— 1 5 10.97	— 10.71	+48 1 15.1	9.999209
Wien (Mil. Geogr. Inst.) . .	—	+48 12 40.0	— 1 5 26.25	— 10.75	+48 1 8.4	9.999189
Wien (Techn. Hochschule) .	—	+48 11 58.5	— 1 5 29.71	— 10.76	+48 0 26.9	9.999190
Wilhelmshaven Mer.-Kr.	9	+53 31 52.1	— 0 32 35.06	— 5.35	+53 20 46.4	9.999057
Williams-Bay Wisc.[6].	335	+42 34 12.6	+ 5 54 13.28	+ 58.19	+42 22 39.6	9.999356
Williamstown Mass. . .	213	+42 42 49	+ 4 52 53.5	+ 48.12	+42 31 16	9.999344
Williamstown Vict. . .	—	−37 52 7.2	— 9 39 38.1	— 95.22	−37 40 53.5	9.999451
Wilna Pass.-Instr.	122	+54 40 59.1	— 1 41 8.76	— 16.61	+54 30 2.1	9.999036
Windsor N. S. W.[7] . .	16	−33 36 30.8	−10 3 20.77	— 99.11	−33 25 50.2	9.999556
Zô-sè China	100	+31 5 48	— 8 4 44.80	— 79.63	+30 55 34	9.999619
Zürich Meridian-Kreis . .	468	+47 22 38.3	— 0 34 12.3	— 5.62	+47 11 4.8	9.999242

[1]) Hector Observatory. — [2]) 1884 abgebrochen. — [3]) Seit 1883. Alte Sternwarte 9″ nördlich, 1ˢ.2 östlich. — [4]) von Oppolzers Sternwarte. — [5]) v. Kuffner. — [6]) Yerkes Observatory. — [7]) J. Tebbutt. Neue Sternwarte, 0″.4 südlich von der alten.

Normalzeiten der wichtigeren Länder

a) An den Meridian von Greenwich angeschlossen

Normalzeit	Bezeichnung	Staaten
11ʰ 30ᵐ O.	—	Neu Seeland
10 0	Ostaustralische Z.	Victoria, Neu Süd-Wales, Queensland, Tasmanien
9 30	—	Süd-Australien
9 0	—	Japan, Korea
8 0	Ostchinesische Küsten-Z.	Ostküste von China, West-Australien
7 0	Südchinesische Küsten-Z.	Südküste von China, Franz. Indochina
5 30	—	Ostindien
2 30	—	Deutsch Ostafrika
2 0	Osteuropäische Z.	Bulgarien, Rumänien, Türkei, Ägypten, Süd-Afrika
1 0	Mitteleuropäische Z. (M. E. Z.)	Dänemark, Deutschland, Italien, Luxemburg, Norwegen, Österreich-Ungarn, Schweden, Schweiz, Serbien, Deutsch Südwest-Afrika
0 0	Westeuropäische Z. (Greenwich Z.)	Belgien, Frankreich, Großbritannien, Portugal, Spanien, Gibraltar, Algerien
3 0 W.	—	Ost-Brasilien
4 0	Atlantic St. Time	Mittel-Brasilien, Canada (Küste)
5 0	Eastern St. Time	Canada (Quebec, Ontario bis 82° 30′ westl.), Vereinigte Staaten (Ost-Zone), Chile, Panama, Peru, West-Brasilien
6 0	Central St. Time	Zentral-Zone von Canada und Vereinigte Staaten
7 0	Mountain St. Time	Gebirgszone von Canada und Vereinigte Staten
8 0	Pacific St. Time	Vereinigte Staaten (Pacifische Küste), Britisch Kolumbien
10 30	—	Sandwich Inseln

b) Nicht an den Meridian von Greenwich angeschlossen

Staaten	Meridian	Längendifferenz gegen Greenwich	Staaten	Meridian	Längendifferenz gegen Greenwich
Argentinien	Cordoba	4ʰ 16ᵐ 48.2ˢ W.	Mexico	Mexico	6ʰ 36ᵐ 26.7ˢ W.
Columbien	Bogota	4 56 54.2 W.	Niederlande	Amsterdam	0 19 32.1 O.
Ecuador	Quito	5 14 6.7 W.	Rußland	Pulkowa	2 1 18.6 O.
Griechenland	Athen	1 34 52.9 O.	Uruguay	Montevideo	3 44 48.9 W.
Irland	Dublin	0 25 21.1 W.	Venezuela	Caracas	4 27 43.6 W.

Besondere Erläuterungen zu den Angaben und zum Gebrauch des Jahrbuchs.

Das Jahrbuch gibt die Örter der *Wandelsterne* in geozentrischen und in heliozentrischen Koordinaten. Die Zeitpunkte, für die sie gelten, sind, wenn nicht ausdrücklich eine andere Zeit angegeben wird, in Mittlerer Zeit Greenwich ausgedrückt.

Die Örter der *Fixsterne* sind einmal als wahre, auf das mittlere Äquinoktium des Jahresanfangs bezogen, und dann in Ephemeridenform als scheinbare, auf das instantane wahre Äquinoktium bezogen, gegeben.

Zur Erläuterung ist im einzelnen folgendes zu bemerken:

Sonnenephemeride (S. 2—38).

Der erste Teil der Sonnenephemeride (S. 2—19) gibt auf den linken Seiten für jeden mittleren Greenwicher Mittag:

1) Die Zeitgleichung = Mittlere Zeit *minus* Wahre Zeit.

2) Die geozentrischen, äquatorialen Koordinaten α, δ des scheinbaren Sonnenorts, bezogen auf das jedesmalige wahre Äquinoktium, zugleich mit der ersten Differenzreihe. Diese Angaben sind direkt mit den Beobachtungen vergleichbar. Die Nutationsglieder kurzer Periode sind, wie im Vorwort erwähnt, in den Koordinaten nicht enthalten.

3) Die halbe Durchgangsdauer der Sonnenscheibe durch den Meridian in Sternzeit.

4) Den geozentrischen Halbmesser H der Sonnenscheibe, d. i. der Winkel, unter dem der Sonnenhalbmesser vom Erdmittelpunkt aus erscheint.

Die rechten Seiten geben:

1) Den Tag der julianischen Periode.

2) Die Sternzeit im Mittleren Greenwicher Mittag.

Um für einen anderen Erdort der westlichen Längendifferenz $\Delta\lambda$ (in Stunden) gegen Greenwich die Sternzeit in seinem Mittleren Mittag zu erhalten, ist zu diesen Angaben zuzulegen: $9^s.8565\,\Delta\lambda$. Diese Werte finden sich unter der Überschrift: »Korr. der Sternzeit« im Verzeichnis der Sternwarten.

3) Die geozentrischen ekliptikalen Koordinaten λ, β des wahren Sonnenorts, bezogen auf das mittlere Äquinoktium des Jahresanfangs, sowie log R, den Logarithmus der Entfernung R der Erde von der Sonne. Diese Angaben finden bei Bahnberechnungen u. dergl. Verwendung.

4) Die mittleren Ortszeiten des Aufgangs und Untergangs der Sonne für einen Ort des Nullmeridians in $+50^0$ Breite; sie sind mit der Horizontalrefraktion 34′.9 berechnet und gelten für den oberen Rand der Sonne. Um daraus für einen beliebigen anderen Ort zwischen $+45^0$ und $+55^0$ geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 422 zu benutzen.

Auf S. 20—37 folgen, bezogen auf das mittlere Äquinoktium des Jahresanfangs, die rechtwinkligen geozentrischen äquatorialen Sonnenkoordinaten für 0^h und 12^h Mittlere Zeit Greenwich mit ihren stündlichen Änderungen in Einheiten der siebenten Dezimale. Daneben stehen von Tag zu Tag ihre Reduktionen auf das mittlere Äquinoktium 1925.0. Auf S. 367—369 sind die vereinigten Werte, d. h. die auf das mittlere Äquinoktium 1925.0 bezogenen rechtwinkligen Sonnenkoordinaten sechsstellig von 4 zu 4 Tagen gegeben; sie dienen zur bequemen Verbindung der Koordinatenangaben aufeinanderfolgender Jahre bei Rechnungen über kleine Planeten und Kometen. Am Fuß der Seite 37 finden sich die Zeiten für die Anfänge der Jahreszeiten und für das Peri- und Apogäum der Sonne.

Die Seite 38 enthält die Aberration, Parallaxe, mittlere Länge $L_\odot$ und mittlere Anomalie $M_\odot$ der Sonne im Intervall von je 10 Tagen.

Mondephemeride (S. 39—58).

Seite 39 enthält die Zeitangaben für die Phasen und das Peri- und Apogäum des Mondes.

Die Mondephemeride (S. 40—57) gibt auf den linken Seiten für 12^h Mittlere Zeit Greenwich:

1) Die scheinbare Rektaszension und Deklination des Mondes mit den ersten Differenzen.

2) Den Logarithmus des Sinus der Äquatorial-Horizontalparallaxe $p_☾$ des Mondes.

3) Den geozentrischen Mondhalbmesser $r_☾$, d. i. der Winkel, unter dem der Mondhalbmesser vom Erdmittelpunkt aus erscheint.

4) Die Länge und Breite des Mondes, abgekürzt auf $0^0.001$.

Die rechten Seiten enthalten:

1) Für den oberen Durchgang des Mondes im Nullmeridian die genäherten Angaben für die Rektaszension, Deklination und Parallaxe des Mondmittelpunktes, sowie die Mittlere Greenwicher Zeit dieses Durchgangs, nebst den Änderungen für 1^h Längendifferenz.

2) Die mittleren Ortszeiten des Aufgangs und Untergangs des Mondes für einen Ort des Nullmeridians in $+50^0$ Breite nebst Änderung für 1^h Längendifferenz; sie sind mit der Horizontalrefraktion 34′.9 berechnet und gelten für den oberen Rand des Mondes. Um daraus für einen beliebigen anderen Ort zwischen $+45^0$ und $+55^0$ geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 423 zu benutzen.

Auf S. 58 finden sich:

☊, Aufsteigender Knoten der Mondbahn auf der Ekliptik
$L_☾$, Mittlere Länge des Mondes
$M_☾$, Mittlere Anomalie des Mondes
i, Neigung des Mondäquators gegen den Erdäquator
☊', Aufsteigender Knoten des Mondäquators auf dem Erdäquator
Δ, Stück des Mondäquators zwischen Ekliptik und Erdäquator

☋, der aufsteigende Knoten des Mondäquators auf der Ekliptik ist gleich dem absteigenden Knoten der Mondbahn, also

$$☋ = ☊ \pm 180^0.$$

Die Größen i, Δ und ☊' berechnen sich aus:

$$\sin\frac{1}{2}(\Delta + ☊')\cos\frac{1}{2}i = \cos\frac{1}{2}(\varepsilon - J)\sin\frac{1}{2}☋$$

$$\cos\frac{1}{2}(\Delta + ☊')\cos\frac{1}{2}i = \cos\frac{1}{2}(\varepsilon + J)\cos\frac{1}{2}☋$$

$$\sin\frac{1}{2}(\Delta - ☊')\sin\frac{1}{2}i = \sin\frac{1}{2}(\varepsilon - J)\sin\frac{1}{2}☋$$

$$\cos\frac{1}{2}(\Delta - ☊')\sin\frac{1}{2}i = \sin\frac{1}{2}(\varepsilon + J)\cos\frac{1}{2}☋;$$

dabei ist J, die Neigung des Mondäquators gegen die Ekliptik, nach F. Hayn (Astr. Nachr. Bd. 199, S. 263) zu $J = 1^0\,32'\,20''$ angenommen worden. Die Zahlen geben die Lage des mittleren Mondäquators (ohne physische Libration).

Die auf S. 58 gemachten Angaben über die Elemente der Mondbahn und des Mondäquators dienen, teilweise in Verbindung mit den Größen $L_☉$ und $M_☉$ auf S. 38, verschiedenen Zwecken:

1) Als Argumente für die Berechnung der Reduktionsgrößen A, B, C, D, E, A', B'.

2) Bei Bestimmung der selenographischen Koordinaten von Punkten der Mondoberfläche (siehe darüber den folgenden Abschnitt).

3) Bei Berechnung der *optischen* und *physischen* Libration des Mondes.

a) Für die Berechnung der *optischen* Libration des Mondes sind alle nötigen Angaben in den Erläuterungen zu den Hilfstafeln unter Nr. 7 gemacht.

b) Die Beträge der *physischen* Mondlibration in selenographischer Länge, der Neigung des Mondäquators und seinem aufsteigenden Knoten auf der Ekliptik τ, ϱ, σ haben die Werte:

$$\tau = -\;13''\sin M_☾ + 65''\sin M_☉ + 26''\sin 2(L_☾ - M_☾ - ☊)$$

$$\varrho = -106''\cos M_☾ + 34''\cos(2L_☾ - M_☾ - 2☊) - 11''\cos 2(L_☾ - ☊)$$

$$\sigma\sin J = -108''\sin M_☾ + 34''\sin(2L_☾ - M_☾ - 2☊) - 11''\sin 2(L_☾ - ☊)$$

Diese Zahlenangaben beruhen auf der Annahme $f = 0.73$, worüber F. Hayn (Astr. Nachr. Bd. 199, S. 264) einzusehen ist.

Ephemeride für den Mondkrater Mösting A

(S. 59—63).

Die Ephemeride des Mondkraters Mösting A dient zwei verschiedenen Zwecken: erstens zur genauen Bestimmung von Mondörtern am Himmel durch Beobachtung des Kraters, zweitens zur Bestimmung der selenographischen Koordinaten weiterer Punkte der Mondoberfläche durch deren mikrometrischen Anschluß an Mösting A.

Sie gilt für 12^h Mittlere Zeit Greenwich und enthält für die Tage, an welchen Mösting A innerhalb der Beleuchtungsgrenze liegt, die Unterschiede $\alpha_☾ - \alpha_k$ in Rektaszension und $\delta_☾ - \delta_k$ in Deklination zwischen der Mondmitte und dem Krater, vom Erdmittelpunkt aus gesehen, sowie den Logarithmus des Sinus der Äquatorial-Horizontalparallaxe p_k des Kraters, welche von der des Mondes $p_☾$ zu unterscheiden ist, mit den zugehörigen Differenzen.

Zur Anwendung der Ephemeride auf Beobachtungen des Kraters interpoliere man $\alpha_☾ - \alpha_k$, $\delta_☾ - \delta_k$ und $\log \sin p_k$ mit der Beobachtungszeit. Fügt man alsdann $\alpha_☾ - \alpha_k$ und $\delta_☾ - \delta_k$ zum geozentrischen Ort des Katers (die Parallaxe wird mit p_k und δ_k, der Deklination des Kraters, berechnet), so hat man die geozentrische AR. und Dekl. des Mondes für die Beobachtungszeit.

Hat man einen Punkt der Mondoberfläche mikrometrisch an Mösting A angeschlossen, so bestimme man zunächst die topozentrischen, d. h. mit Parallaxe behafteten Koordinatendifferenzen $\alpha'_☾ - \alpha'_k$ und $\delta'_☾ - \delta'_k$ zwischen Mondmittelpunkt und Mösting A aus folgenden Identitäten:

$$\alpha'_☾ - \alpha'_k = \alpha_☾ - \alpha_k + (\alpha'_☾ - \alpha_☾) - (\alpha'_k - \alpha_k)$$
$$\delta'_☾ - \delta'_k = \delta_☾ - \delta_k + (\delta'_☾ - \delta_☾) - (\delta'_k - \delta_k).$$

Verbindet man die so erhaltenen topozentrischen Abstände zwischen der Mondmitte und Mösting A mit den mikrometrischen Messungen zwischen Mösting A und einem zweiten Krater, so erhält man die topozentrische Lage des letzteren gegen die Mondmitte und kann hieraus mit Hülfe von $\alpha'_☾$ und $\delta'_☾$ und den Angaben auf Seite 58 die selenographische Länge und Breite des zweiten Kraters berechnen. Hierzu dienen die im folgenden angeführten Formeln.

Bezeichnet man mit α' und δ' die topozentrische AR. und Dekl. des an Mösting A angeschlossenen Kraters, so hat man:

$$s \sin \pi_m = (\alpha' - \alpha'_☾) \cos \frac{1}{2}(\delta' + \delta'_☾)$$
$$s \cos \pi_m = \delta' - \delta'_☾$$
$$\pi = \pi_m - \frac{1}{2}(\alpha' - \alpha'_☾) \sin \frac{1}{2}(\delta' + \delta'_☾)$$
$$\sin(K + s) = \sin s \operatorname{cosec} h'.$$

h' ist der Abstand des Kraters vom Mondschwerpunkt, gesehen vom Beobachtungsort aus, der aus h, dem vom Erdmittelpunkt aus gesehenen Abstand, durch Anbringen der Parallaxe gewonnen wird. Ist die Entfernung des Kraters vom Mondschwerpunkt gänzlich unbekannt, so möge für h der aus Sternbedeckungen folgende Wert des Mondhalbmessers 15′ 32″.59 (nach J. Peters, Astr. Nachr. Bd. 138, S. 147) eingesetzt werden.

$$\begin{aligned} \sin d &= -\sin\delta'_{☾}\cos K + \cos\delta'_{☾}\sin K\cos\pi \\ \cos d\cos(a-\alpha'_{☾}) &= -\cos\delta'_{☾}\cos K - \sin\delta'_{☾}\sin K\cos\pi \\ \cos d\sin(a-\alpha'_{☾}) &= \sin K\sin\pi \\ \sin\beta &= \sin d\cos i - \cos d\sin i\sin(a-☊') \\ \cos\beta\sin\lambda' &= \sin d\sin i + \cos d\cos i\sin(a-☊') \\ \cos\beta\cos\lambda' &= \cos d\cos(a-☊') \\ \lambda &= \lambda' - 180^\circ - L_{☾} - (\Delta - ☋). \end{aligned}$$

Die so erhaltenen Werte von λ und β beziehen sich auf den mittleren (vom Einfluß der physischen Libration freien) Mondäquator; die Transformation auf den wahren erfolgt durch die Korrektionen:

$$\begin{aligned} d\lambda = &+13''\sin M_{☾} - 65''\sin M_{☉} - 26''\sin 2(L_{☾}-M_{☾}-☊) \\ &+\operatorname{tg}\beta\,[-106''\cos(L_{☾}-M_{☾}-☊+\lambda)+34''\cos(L_{☾}-M_{☾}-☊-\lambda) \\ &\qquad -11''\cos(L_{☾}-☊-\lambda)] \\ d\beta = &+108''\sin(L_{☾}-M_{☾}-☊+\lambda)+34''\sin(L_{☾}-M_{☾}-☊-\lambda) \\ &-11''\sin(L_{☾}-☊-\lambda) \end{aligned}$$

Bringt man diese Korrektionen $d\lambda$ und $d\beta$ an λ und β an, so erhält man die selenographischen Koordinaten des Kraters:

$$\lambda_0 = \lambda + d\lambda, \qquad \beta_0 = \beta + d\beta$$

Der Berechnung der Ephemeride des Kraters Mösting A liegen folgende von F. Hayn ermittelte Konstanten (Astr. Nachr. Bd. 199, S. 263) zugrunde:

$$\lambda_0 = -5^\circ\ 10'\ 7'', \qquad \beta_0 = -3^\circ\ 11'\ 2''$$
$$h = 15'\ 33''.4$$

Für die Reduktion auf den mittleren Mondäquator wurden die Werte angenommen:

$$\begin{aligned} d\lambda &= -13''\sin M_{☾} + 65''\sin M_{☉} + 26''\sin 2(L_{☾}-M_{☾}-☊) \\ d\beta &= -107''\sin(L_{☾}-M_{☾}-☊+\lambda_0) - 34''\sin(L_{☾}-M_{☾}-☊-\lambda_0) \\ &\qquad + 11''\sin(L_{☾}-☊-\lambda_0), \end{aligned}$$

so daß die auf den mittleren Mondäquator bezogenen selenographischen Koordinaten des Kraters Mösting A sind:

$$\lambda = \lambda_0 + d\lambda, \qquad \beta = \beta_0 + d\beta.$$

Die Formeln zur Berechnung der Ephemeride siehe in den Erläuterungen zum Jahrbuch 1916.

Ephemeriden der Grossen Planeten

(S. 64—112).

Die geozentrischen Örter der Planeten sind für Merkur, Venus und Mars von Tag zu Tag, für Jupiter, Saturn und Uranus von 2 zu 2 Tagen und für Neptun von 4 zu 4 Tagen mit ihren ersten Differenzen gegeben, und zwar in scheinbaren, d. h. auf das momentane wahre Äquinoktium bezogenen Koordinaten des scheinbaren Orts, für 0^h Mittlere Zeit Greenwich. Die letzte Spalte gibt die Mittlere Greenwicher Zeit der oberen Kulmination im Nullmeridian.

Für die Reduktion und die Vergleichung der Planetenbeobachtungen mit der Ephemeride ist die Kenntnis der scheinbaren Halbmesser erforderlich. Man kann für dieselben in der Einheit der Entfernung annehmen:

für	Merkur Halbmesser	. . . . .	3.34″		
»	Venus »	. . . . .	8.78		
»	Mars »	. . . . .	4.68		
»	Jupiter »	(Äquatorial)	99.8,	(Polar)	92.6″
»	Saturn »	(Äquatorial)	81.4,	(Polar)	73.4
»	Uranus »	. . . . .	34.7		
»	Neptun »	. . . . .	45		

Die heliozentrischen Ephemeriden der Planeten (S. 109—112) geben den Log. des Radiusvector, die Länge in der Bahn, deren Reduktion auf die Ekliptik und die Breite, außerdem bei den Planeten Jupiter, Saturn, Uranus und Neptun noch den bei Störungsrechnungen manchmal gebrauchten Winkel B_0, welchen der Radiusvector mit derjenigen Bahnebene macht, für welche die bei jedem Planeten gemachten Angaben über ☊ und *i* gelten.

Bei Jupiter, Saturn, Uranus und Neptun stellen ☊ und *i* die Bahnlage für die Epoche 1925.0 und das Normaläquinoktium 1925.0 dar; bei Merkur, Venus und Mars gelten sie für den Jahresanfang 1918.0 und sind bezogen auf das Äquinoktium 1925.0.

Die Genauigkeit und Ausführlichkeit dieser heliozentrischen Angaben sind ihrem Hauptzweck, zur Berechnung der speziellen Störungen zu dienen, angepaßt.

Die beigefügten Werte der Planetenmassen sind die den Tafeln von Newcomb und von Hill zugrunde liegenden. Für die Erde ist noch besonders zu erwähnen, daß die Masse von »Erde + Mond« gegeben ist, Radiusvector und heliozentrische Länge sich auf den Schwerpunkt des Systems »Erde + Mond« beziehen.

Mittlere Örter von 925 Fixsternen (S. 114—137).

Die mittleren Örter der 925 Fixsterne sind aus den Daten der Veröffentlichung Nr. 33 des *Königlichen Astronomischen Rechen-Instituts* mit den daselbst angegebenen Hilfsgrößen für Präzession und Eigenbewegung abgeleitet worden. Nur die mittleren Örter der 20 Polsterne sind durch mechanische Quadratur berechnet.

Scheinbare Örter von 573 Fixsternen (S. 138—337).

Die scheinbaren Örter der Fixsterne sind für den Moment der oberen Kulmination im Greenwicher Meridian gegeben und enthalten die kurzperiodischen Mondglieder der Nutation nicht; nur bei den 18 Polsternen ist deren Betrag gesondert unter der Überschrift ☾Gl. gegeben.

Zunächst werden die scheinbaren Örter von 555 Sternen von 10 zu 10 Sterntagen gegeben; in der ersten Spalte ist die Mittlere Greenwicher Zeit der Kulmination hinzugefügt.

Es folgen die scheinbaren Örter für 18 weniger als 10° von den Polen entfernte Sterne für jede obere Kulmination. Die Anordnung ist eine derartige, daß für jeden Zeitraum einer Seite sämtliche 9 (entweder nördliche oder südliche) Polsterne nebeneinander aufgeführt sind, wie es für den Gebrauch am geeignetsten erscheint. Die Glieder zweiter Ordnung der »Reduktion auf den scheinbaren Ort« sind hierbei berücksichtigt.

Am Fuß der Ephemeriden ist der mittlere Ort eines jeden Sterns für den Anfang des Jahres, außer für die Polsterne, wieder angegeben, dazu die Werte von tg δ und sec δ, welche bei der Reduktion der Meridianbeobachtungen nach der hierfür am zweckmäßigsten erscheinenden Besselschen Formel gebraucht werden.

Die jährliche Parallaxe ist bei folgenden Sternen, bei denen sie 0″.20 übersteigt und hinreichend verbürgt erscheint, nämlich:

Nr. 59	τ Ceti	mit	0″.31	Nr. 538	α Centauri	mit	0″.75
Nr. 127	ε Eridani	»	0.32	Nr. 745	α Aquilae	»	0.23
Nr. 257	α Can. maj.	»	0.38	Nr. 793	61 Cygni	»	0.30
Nr. 291	α Can. min.	»	0.33				

bereits berücksichtigt. Von den nicht mit Ephemeriden versehenen Sternen des F. K. besitzt noch Nr. 825, ε Indi eine Parallaxe von 0″.25.

Reduktionsgrössen (S. 338—374).

Auf die scheinbaren Örter der Sterne folgt S. 338 eine Zusammenstellung der Werte, mit welchen die Reduktionsgrößen der darauf folgenden Tafeln berechnet sind, und der Formeln für die Reduktion auf den scheinbaren Ort.

Die Größen zur »Reduktion auf den scheinbaren Ort« sind in ihrer *ersten* Form: A, B, C, D, E; A', B' gegeben für 12^h Sternzeit des Meridians von Greenwich:

1) Auf S. 339 im Intervall von 10 Sterntagen.

Diese Tafel soll zur Berechnung von Sternephemeriden für die Epochen der Meridiandurchgänge dienen. Wegen ihrer logarithmischen Form und des großen Intervalls ist die Tafel zur Interpolation nicht geeignet. Man wird deshalb zweckmäßig die Interpolation erst nach der Summierung der einzelnen unmittelbar für die Epochen der Tafel berechneten Glieder vornehmen.

2) Auf S. 358—366 für jeden Sterntag. Hier sind die numerischen Werte von A, B, C und D mit ihren Differenzen gegeben und die kurzperiodischen Mondglieder A' und B' mit angeführt.

Beiden Tafeln ist in einer Spalte die dem festen Sternzeitmoment jedesmal entsprechende Mittlere Zeit Greenwich vorangestellt; man wird hiernach auf jeden beliebigen Zeitpunkt, gegeben durch Datum, Sternzeit und Längendifferenz gegen Greenwich, übergehen können. Eine weitere Spalte gibt die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres.

Die Reduktionsgrößen der *zweiten* Form: f, $\log g$, G, $\log h$, H, $\log i$ sowie f', g' und G' sind S. 340—357 von Tag zu Tag für 12^h Mittlere Zeit Greenwich gegeben. Um den Gebrauch der Spalte $\log i$ zu erleichtern, sind an den Stellen, wo die Werte von i durch Null gehen, auch die numerischen Werte in besonderer Spalte hinzugefügt.

Auch hier findet sich eine Spalte, t überschrieben, welche die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres gibt.

Die Seiten mit ungerader Seitenzahl enthalten außer den schon erwähnten f', g', G' noch folgende Größen:

a) ψ = Allgemeine Präzession seit 1918.0.
b) $\Delta\psi$ = Langperiodische Glieder der Nutation in Länge.
c) $\Delta\psi'$ = Kurzperiodische Glieder der Nutation in Länge.
d) Die wahre Schiefe der Ekliptik.
e) $\Delta\varepsilon$ = Langperiodische Glieder der Nutation in Schiefe.
f) $\Delta\varepsilon'$ = Kurzperiodische Glieder der Nutation in Schiefe.

Die mittlere Schiefe der Epoche erhält man durch Subtraktion der Gesamtnutation ($\Delta\varepsilon + \Delta\varepsilon'$) von der wahren Schiefe (in Spalte d).

Weitere Reduktionsgrößen folgen auf Seite 367—369. Es sind dies zunächst die rechtwinkligen äquatorialen Sonnenkoordinaten, bezogen auf das Normaläquinoktium 1925.0, die hauptsächlich zur Berechnung von genaueren Ephemeriden kleiner Planeten nützlich sind.

Die auf den gleichen Seiten gegebenen Größen f, $\log g$ und G dienen zur Übertragung der Örter von dem mittleren Normaläquinoktium $t_2 = 1925.0$ auf das instantane wahre Äquinoktium t_1. Diese Übertragung bedarf noch einer Korrektion, die man der Seite 370 entnehmen kann.

Auf Seite 371 findet sich eine Tafel der Hilfsgrößen zur Übertragung der Polsternörter von verschiedenen mittleren Äquinoktien auf das mittlere Äquinoktium von 1918.0 sowie eine Tafel der Hilfsgrößen zur Berechnung der Präzession von verschiedenen mittleren Äquinoktien bis 1918.0.

Eine Tafel zur Übertragung von Sternörtern vom mittleren Äquinoktium von 1918.0 auf das Normaläquinoktium 1925.0 (auf Seite 372 bis 374) beschließt die Sammlung der Tafeln der Reduktionsgrößen.

Sonnen- und Mondfinsternisse (S. 376—380).

Die Angaben über die Finsternisse sind den von dem Nautical Almanac Office, Washington, gemachten Mitteilungen entnommen. Da diese Mitteilungen nur Angaben über die Zentralkurven enthielten, wurden die anderen Grenzkurven für die Sichtbarkeit der Finsternis im Kgl. Astronomischen Rechen-Institut berechnet.

Über die Verwendung der bei den Sonnenfinsternissen gegebenen Besselschen Elemente zur Vorausberechnung der Phasenzeiten und der Positionswinkel der Kontakte siehe die Erläuterungen zum Jahrbuch 1916, die auch ein durchgeführtes Zahlenbeispiel enthalten.

(μ' ist nicht mehr tabuliert und durchgangs $= 15$ anzusetzen.)

Sternbedeckungen durch den Mond (S. 381—384).

Aus den seitens des Nautical Almanac Office, Washington, übermittelten Angaben über die Sternbedeckungen im Jahre 1918 wurden die an irgend einem Ort in Mitteleuropa (das Gebiet gelegen zwischen $+45^0$ und $+55^0$ geographischer Breite und $0^h\,25^m$ und $1^h\,25^m$ östlicher Greenwicher Länge) beobachtbaren Bedeckungen ausgezogen. Für diese sind gegeben:

1) ein Verzeichnis der bedeckten Sterne; die angegebenen Nummern beziehen sich auf den: Catalogue of Zodiacal Stars by H. B. Hedrick, veröffentlicht in: Astronomical Papers of the American Ephemeris, Vol. VIII, Part III.
2) die Mittlere Greenwicher Zeit der Konjunktion in Rektaszension von Mond und Gestirn.

Es soll mit diesen Angaben nur auf die Bedeckungen aufmerksam gemacht werden. Bezüglich der zur genaueren Vorausberechnung (siehe die Erläuterungen zum Jahrbuch 1916, die auch ein Beispiel enthalten) dienenden Elemente sei auf die American Ephemeris verwiesen.

Jupiterstrabanten (S. 385—386).

Die Seiten 385 und 386 enthalten die Zeitangaben für die Verfinsterungen der vier älteren Jupiterstrabanten in dem Schattenkegel des Jupiter; Ein- und Austritte sind durch beigefügtes E. und A. unterschieden.

Die Angaben sind den Mitteilungen des Nautical Almanac Office, Washington, entnommen.

Saturnsring (S. 387—390, 402).

Die Angaben für die scheinbare Größe des Saturn und für die Lage und Größe des Saturnsringes haben die folgende Bedeutung:

α Große Achse des Saturn.

β Scheinbare kleine Achse des Saturn.

p_a Phase; positiv, wenn der Ostrand, negativ, wenn der Westrand verdunkelt ist.

a Große Achse der Ringellipse.

b Kleine Achse der Ringellipse; positiv, wenn die nördliche, negativ, wenn die südliche Fläche des Ringes sichtbar ist.

U' Heliozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes in der Ekliptik an.

B' Erhöhungswinkel der Sonne über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P' Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Längenkreise; östlich positiv, westlich negativ.

U Geozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes im Erdäquator an.

B Erhöhungswinkel der Erde über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Stundenkreise; östlich positiv, westlich negativ.

N Aufsteigender Knoten der Ringebene im Erdäquator, gezählt vom Äquinoktium an.

J Neigung der Ringebene gegen den Erdäquator.

ω Entfernung der Ekliptik vom Erdäquator, gemessen auf der Ringebene.

Es liegen folgende Bestimmungen nach Struve zugrunde:

Durchmesser des Saturn in der Entfernung 9.53887

Äquatorial $17''.47$ Polar $15''.65$

Lage des Saturnsringes gegen die Ekliptik und das Äquinoktium von 1889.25

$$\Omega_1 = 167^\circ\ 57'.0 \quad \text{und} \quad i_1 = 28^\circ\ 5'.6;$$

Durchmesser des Ringes in der Entfernung 9.53887

$$2\,R = 39''.35.$$

Saturnstrabanten (S. 391—415).

Alle Berechnungen über die Saturnstrabanten sind mit den von H. Struve in:

I. Beobachtungen der Saturnstrabanten, 1. Abteilung, 1. Supplementheft zu den »*Observations de Poulkova*«;

II. *Publications de l'Observatoire Central Nicolas*, Série II, Vol. XI,

abgeleiteten, in Astr. Nachr. Bd. 162, S. 325 u. ff. weiter verbesserten Elementen durchgeführt. Für die Halbachsen der 6 inneren Trabanten sind die auf Seite 239 der zweiten Abhandlung mittels der Saturnsmasse $\mu = \frac{1}{3500}$ rechnerisch abgeleiteten Werte angenommen.

Zunächst sind für die fünf inneren Trabanten auf den Seiten 391 bis 402 die Hilfsmittel gegeben, um in bequemer Weise ihre Positionen ableiten zu können. Sieht man hierbei von den Neigungen γ ab, so erhält man die rechtwinkeligen Koordinaten x und y des Trabanten in bezug auf ein Achsenkreuz, dessen Anfangspunkt im Mittelpunkt des Saturn gelegen ist, dessen X-Achse parallel der großen Achse des Ringes verläuft, positiv, wenn östlich, negativ, wenn westlich vom Saturn, und dessen positive Y-Achse mit dem durch den Saturnsmittelpunkt gehenden Stundenkreise den Winkel P einschließt, aus den Gleichungen:

$$x = \frac{a(\varDelta)}{\varDelta} \frac{1}{1+\zeta} \frac{r}{a} \sin(u-U)$$

$$y = \frac{a(\varDelta)}{\varDelta} \frac{1}{1+\zeta} \frac{r}{a} \sin B \cos(u-U).$$

$(\varDelta) = 9.53887$ bezeichnet den mittleren Wert der Entfernung Sonne—Saturn, $\varDelta$ ist die Entfernung Erde—Saturn, $u = L + (v - M)$ ist die wahre Länge des Trabanten vom Erdäquator an gezählt.

Ist genaueste Ortsbestimmung erforderlich, so darf man bei Mimas Tethys und Rhea die Neigungen gegen den Saturnsäquator, da sie schon merklichere Werte annehmen, nicht mehr vernachlässigen; x und y ergeben sich dann aus:

$$x = \frac{a(\varDelta)}{\varDelta} \frac{1}{1+\zeta} \frac{r}{a} \sin(u-U)$$

$$y = \frac{a(\varDelta)}{\varDelta} \frac{1}{1+\zeta} \frac{r}{a} \sin B\,[\cos(u-U) + \sin\gamma \operatorname{cotg} B \sin(u-\vartheta)].$$

Die Werte von ϑ, der Länge des aufsteigenden Knotens der Trabantenbahn auf dem Saturnsäquator, gezählt vom Schnittpunkte des Saturnsäquators mit dem Erdäquator, finden sich auf Seite 402; auch ist hier für Rhea γ, weil stärker mit der Zeit veränderlich, in Intervallen von 16 Tagen gegeben.

Will man aus x und y die Rektaszensions- und Deklinationsdifferenzen bestimmen, so dienen dazu die Gleichungen:

$$s \sin(p - P) = x$$
$$s \cos(p - P) = y$$
$$\Delta\alpha = \alpha_{tr} - \alpha_{pl} = \frac{1}{15} s \sin p \sec \delta_{tr}$$
$$\Delta\delta = \delta_{tr} - \delta_{pl} = s \cos p.$$

Auf den Seiten 403—411 finden sich für die drei äußeren Trabanten Titan, Hyperion und Japetus, außer den Hilfsgrößen U, B und P, die Rektaszensions- und Deklinationsunterschiede gegen den Saturn in dem Sinne Trabant minus Planet. Die aus den Angaben des Berliner Jahrbuchs ermittelten Trabantenörter sind wahre Örter und beziehen sich auf das mittlere Äquinoktium der Epoche.

Zum Schluß enthalten die Seiten 412—415 die Zeitangaben für die östlichen Elongationen von Mimas, Enceladus, Tethys, Dione, Rhea, ferner für die östlichen und westlichen Elongationen ($u - U = \pm 90°$) und für die oberen und unteren Konjunktionen ($u - U = 0°, 180°$) von Titan, Hyperion und Japetus mit Saturn; diese Zeitangaben für die Elongationen und Konjunktionen sind bereits für Lichtzeit korrigiert, also ohne weiteres mit den Beobachtungen vergleichbar.

Konstellationen (S. 416).

In der Übersicht der Konstellationen des Jahres 1918 sind die hauptsächlichsten Planeten-Konstellationen gegeneinander und gegen Sonne, Mond und die Sterne 1. und 2. Größe, letztere nur soweit als die Differenz der Deklination zwischen Planet und Stern den Betrag von 1^0 nicht übersteigt, sowie die Angaben der Epochen, zu welchen sich die Planeten in gewissen Hauptpunkten ihrer Bahn und ihres synodischen Laufes befinden, zusammengestellt. Die Bedeutung der hier verwendeten Zeichen siehe Seite VIII des Vorworts. — Die Konjunktionen der Planeten mit dem Mond und ihre gegenseitigen sind als Konjunktionen in AR. zu verstehen. Letztere sind nur insoweit berücksichtigt, als die Differenz der Deklinationen beider Planeten den Betrag von 3° nicht übersteigt. Für die Berechnung der Epochen der größten Helligkeit der Venus wurde für die Lichtstärke die Formel von G. Müller (*Publikation des Astro-phys. Observatoriums zu Potsdam,* Bd. VIII, Seite 197 ff.) zugrunde gelegt:

$$h = -4.004 + 0.01322\,\alpha + 0.0000004247\,\alpha^3 + 5 \log(r\Delta),$$

worin α (in Graden) den Winkel an der Venus im Dreieck Sonne—Venus—Erde, r und Δ die ihn einschließenden Seiten bezeichnen.

Hilfstafeln (S. 417—434).

Es folgt eine Reihe von häufig gebrauchten Hilfstafeln.

1) Tafeln für Präzessionswerte (S. 417—419).

a) Präzession in Rektaszension und Deklination (Seite 417).

$$p_\alpha = m + \tfrac{1}{15} n \sin \alpha \operatorname{tg} \delta$$

$$p_\delta = n \cos \alpha$$

b) Präzession in Länge und Breite (Seite 418 u. 419).

$$p_\lambda = \psi + \pi \operatorname{tg} \beta \cos (\Pi - \lambda)$$

$$p_\beta = \pi \sin (\Pi - \lambda)$$

c) Präzessionswerte m, n, ψ, π, Π und die mittlere Schiefe der Ekliptik (Seite 417).

Den Tafeln a) und b) liegen die Präzessionswerte für 1925.0 zugrunde. Über die Bedeutung der Bezeichnungen und die Zahlenwerte vergleiche die Erläuterungen zum Jahrbuch für 1916.

2) Tafel des halben Tagbogens (S. 420—421). Berechnet mit der Horizontalrefraktion 34'.9 für geographische Breiten von $+45^\circ$ bis $+55^\circ$ und Deklinationen von $+30^\circ$ bis -30°.

3) Reduktionstafeln für die Auf- und Untergangszeiten der Sonne und des Mondes (S. 422—423). Sie geben die Reduktion der für $+50^\circ$ Breite gültigen Zeiten, wie sie in den Ephemeriden enthalten sind, auf geographische Breiten zwischen $+45^\circ$ und $+55^\circ$ und sind mit der Horizontalrefraktion 34'.9 für das Erscheinen oder Verschwinden des oberen Gestirnsrandes gerechnet.

4) Eine Tafel für die Ermittelung eines Datums in der julianischen Periode (Seite 424—427.) Die Tafel besteht aus zwei Teilen: Der erste Teil (S. 424—425) gibt in vierjährigen Schaltperioden für die Jahre 0 bis 2000 die Anzahl der am 0. Januar seit Anfang der Julianischen Periode verflossenen Tage. Als Ergänzung gibt die Hilfstafel am Fuß der Seite die Anzahl der am 0. jedes Monats seit Beginn der Schaltperiode verflossenen Tage. Der zweite Teil (S. 426—427) gibt für die Jahre 1860—1939 unmittelbar die Anzahl der am 0. jedes Monats im gregorianischen Kalender seit Beginn der julianischen Periode verflossenen Tage.

5) Hilfstafeln zur Verwandlung von Mittlerer Zeit in Sternzeit (S. 428) und von Sternzeit in Mittlere Zeit (S. 429).

6) Eine Tafel zur Verwandlung von Stunden, Minuten und Sekunden in Dezimalteile des Tages und umgekehrt (S. 430—431).

7) Die Tafel zur Berechnung der optischen Mondlibration (S. 432—433) gibt mit dem Argument $\lambda - \Omega$ die Werte $\Delta\lambda$, a und B entsprechend den Gleichungen:

$$\Delta\lambda = \frac{1}{\text{arc } 1'} \operatorname{tang}^2 \frac{1}{2} J \sin 2(\lambda - \Omega)$$
$$a = -\cos(\lambda - \Omega) \sin J$$
$$\operatorname{tang} B = -\sin(\lambda - \Omega) \operatorname{tang} J$$

J = Neigung des Mondäquators gegen die Ekliptik.
Ω = Länge des aufsteigenden Knotens der Mondbahn auf der Ekliptik (s. S. 58).
λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

Bezeichnen noch $L_☾$ die mittlere Länge des Mondes, l' und b' die optische Libration der Mondmitte in selenographischer Länge und Breite, so ist:

$$l' = \lambda - L_☾ + \Delta\lambda - a(B - \beta)$$
$$b' = B - \beta$$

Der Winkel C, welchen der Mondmeridian des Mittelpunktes der scheinbaren Mondscheibe mit dem Stundenkreise bildet, ergibt sich aus der Gleichung:

$$\sin C = -\sin i \frac{\cos(L_☾ + l' + \Delta - ☋)}{\cos \delta_☾} = -\sin i \frac{\cos(\alpha_☾ - \Omega')}{\cos b'},$$

worin $\alpha_☾$, $\delta_☾$ Rektaszension und Deklination des Mondmittelpunktes, gesehen vom Beobachtungort aus, bezeichnen; die anderen vorkommenden Größen i, Δ, ☋ und Ω' haben schon auf S. 446 ihre Erklärung gefunden.

8) Eine Tafel der Hilfsgrößen s und c (S. 434) zur Berechnung der geozentrischen Breite φ' und der geozentrischen Entfernung ϱ eines Erdortes, ausgedrückt in Einheiten der großen Halbachse des Erdellipsoids, aus der geographischen Breite φ nach den Formeln:

$$\varrho \sin \varphi' = s \sin \varphi$$
$$\varrho \cos \varphi' = c \cos \varphi$$

Darin haben s und c die Bedeutung:

$$s = \frac{1 - e^2}{\sqrt{1 - e^2 \sin^2 \varphi}}, \quad c = \frac{1}{\sqrt{1 - e^2 \sin^2 \varphi}}, \quad e = \sqrt{2\mathfrak{a} - \mathfrak{a}^2}$$

Gemäß den Beschlüssen der Pariser Ephemeridenkonferenz von 1911 ist dabei die Abplattung $\mathfrak{a} = \frac{1}{297.0}$ angenommen.

Koordinaten der Sternwarten (S. 435—442).

Die Seiten 435—442 enthalten die geographischen und geozentrischen Koordinaten der Sternwarten.

Die Seehöhen sind in allen Fällen angegeben, wo sie sich einigermaßen sicher ermitteln ließen. Die Angaben sind zum größten Teil dem Verzeichnis von Prof. Auwers im *Geographischen Jahrbuch*, dem *Nautical Almanac* oder der *American Ephemeris* entnommen.

Die geographischen Längen sind auf den Meridian von Greenwich bezogen und dem entsprechend gibt die »Korrektion der Sternzeit« die Differenz: Sternzeit im Mittleren Ortsmittag minus Sternzeit im Mittleren Greenwicher Mittag an.

Die geozentrischen Koordinaten sind den Beschlüssen der Pariser Ephemeridenkonferenz vom Oktober 1911 gemäß unter Annahme der Abplattung 1 : 297.0 berechnet.

Bei Berechnung von log ϱ ist die Seehöhe berücksichtigt.

Normalzeiten der wichtigeren Länder (S. 443).

Hier sind die in den wichtigeren Ländern eingeführten Normalzeiten in zwei Gruppen zusammengestellt, je nachdem sie an den Meridian von Greenwich angeschlossen sind oder einen eigenen Landes-Meridian zugrunde legen. Die Angaben sind nach dem Stande gemacht, wie er hier Anfang 1916 bekannt war.

Berichtigungen.

Jahrgang 1916, S. 66 Aug. 3 Monduntergang lies $8^h\,50^m$ statt $8^h\,40^m$.

» 1917, S. 20 Jan. 1.5 $X = +0.1883761$ statt $+0.1883767$.

» » S. 259*. Bei $t_1 = 1900$ lies für $90° - (N)$ $6'\,31''.73$ statt $6'\,31''.33$.

» » S. 301* Japetus Dez.:

	lies		statt	
29.5	$-34^s.86$	−1.87	$-34^s.84$	−1.85
30.5	−36.51	−1.65	−36.42	−1.58
31.5	−37.89	−1.38	−37.71	−1.29

» 1918. Die Größe des Sterns 592, π Scorpii, ist $3^m.0$ statt $4^m.1$ zu lesen.

Bahnelemente
und Oppositions-Ephemeriden

der

kleinen Planeten

für

1916

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
1 Ceres . . .	7.4	4.0	265°.643	68°.684	80°.915	10°.616	4°.389	770″.764	0.44206	1915
2 Pallas . . .	8.0	4.5	261.594	309.013	173.109	34.699	13.777	769.224	0.44264	1915
3 Juno . . .	8.7	5.5	171.657	245.714	170.661	12.997	14.862	813.773	0.42634	1915
4 Vesta . . .	6.5	4.0	102.786	147.245	104.272	7.132	5.101	977.632	0.37322	1911*
5 Astraea . .	9.9	6.9	354.369	353.480	141.855	5.333	11.019	858.189	0.41095	1900
6 Hebe . . .	8.5	5.8	98.617	236.946	139.004	14.798	11.584	939.186	0.38484	1902
7 Iris	8.4	5.8	290.717	141.490	260.945	5.467	13.347	962.583	0.37771	1902*
8 Flora . . .	8.9	6.8	242.457	282.725	111.276	5.881	9.015	1086.338	0.34269	1898*
9 Metis . . .	8.9	6.3	70.333	2.624	69.369	5.602	7.084	962.339	0.37779	1867*
10 Hygiea . .	9.5	5.4	179.367	308.923	286.207	3.815	6.891	639.167	0.49626	1901
11 Parthenope	9.3	6.5	79.091	193.450	125.583	4.630	5.734	923.906	0.38959	1903
12 Victoria . .	9.7	7.2	335.189	66.020	236.669	8.384	12.646	994.835	0.36817	1863*
13 Egeria . .	9.7	6.7	259.176	76.992	44.215	16.546	4.997	857.947	0.41103	1913*
14 Irene . . .	9.7	6.6	290.40	93.12	87.33	9.12	9.48	852.300	0.4130	1918*
15 Eunomia .	8.6	5.4	307.16	94.99	294.06	11.76	10.78	825.347	0.4223	1918*
16 Psyche . .	9.6	5.9	334.365	226.080	150.852	3.072	7.838	710.555	0.46561	1901
17 Thetis . .	10.1	7.3	192.364	137.846	125.343	5.608	7.668	913.551	0.39285	1913
18 Melpomene	9.3	6.9	228.491	225.049	151.034	10.146	12.572	1020.120	0.36090	1865*
19 Fortuna . .	9.8	7.1	302.478	179.705	211.489	1.548	9.121	929.987	0.38769	1913
20 Massalia . .	9.2	6.5	36.602	253.696	207.126	0.684	8.296	949.000	0.38183	1901
21 Lutetia . .	10.1	7.4	53.311	246.780	81.305	3.086	9.329	933.554	0.38658	1868*
22 Kalliope . .	9.8	6.1	199.247	351.958	66.894	13.728	5.643	714.429	0.46403	1901
23 Thalia . .	10.5	7.3	287.97	56.72	68.13	10.22	13.50	832.792	0.4196	1918*
24 Themis . .	10.8	6.7	0.762	105.856	35.814	0.803	7.829	641.701	0.49512	1908
25 Phocaea .	10.5	7.9	44.222	88.820	214.585	21.610	14.656	954.099	0.38028	1900
26 Proserpina	10.5	7.3	182.569	190.729	46.076	3.585	4.928	819.639	0.42426	1915
27 Euterpe . .	9.7	7.2	254.678	354.390	94.368	1.590	10.016	986.694	0.37055	1875*
28 Bellona . .	10.1	6.6	142.319	340.308	144.854	9.398	8.751	766.913	0.44351	1914
29 Amphitrite	9.0	6.1	249.998	59.708	357.444	6.125	4.257	869.035	0.40731	1872*
30 Urania . .	9.9	7.4	60.924	83.656	308.665	2.102	7.351	975.314	0.37391	1892
31 Euphrosyne	11.0	6.8	151.609	60.399	32.097	26.470	12.876	635.080	0.49812	1901
32 Pomona . .	10.6	7.5	157.886	332.578	221.763	5.474	4.762	852.588	0.41284	1869*
33 Polyhymnia	11.8	8.2	193.682	334.204	9.454	1.924	19.687	731.706	0.45711	1901
34 Circe . . .	11.5	8.2	341.025	326.910	185.183	5.454	6.077	805.601	0.42926	1900
35 Leukothea	12.2	8.3	146.394	210.004	355.265	8.084	12.887	683.714	0.47675	1915
36 Atalante .	12.0	8.6	47.582	44.447	359.461	18.614	17.439	779.346	0.43885	1915
37 Fides . . .	10.4	7.2	359.493	59.576	8.131	3.106	10.171	826.667	0.42178	1915
38 Leda . . .	11.4	8.0	84.415	166.158	296.856	6.966	8.896	781.852	0.43792	1898
39 Laetitia . .	9.5	6.0	133.991	205.474	157.759	10.367	6.388	769.641	0.44248	1898
40 Harmonia .	9.2	6.9	244.668	267.428	94.340	4.262	2.670	1039.335	0.35550	1869*

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
41 Daphne .	10.5	7.0	307.079	41.839	179.257	15.924	15.443	770.459	0.44217	1904
42 Isis	10.4	7.7	302.464	234.954	84.499	8.550	12.801	929.111	0.38796	1912
43 Ariadne .	10.0	7.9	197.670	13.941	265.141	3.462	9.642	1084.758	0.34312	1900
44 Nysa . . .	9.8	7.1	84.803	340.572	131.567	3.699	8.803	941.736	0.38405	1915
45 Eugenia .	10.7	7.3	38.601	82.726	148.467	6.587	4.737	791.069	0.43453	1914
46 Hestia . .	10.6	7.7	252.785	173.112	181.568	2.292	9.634	884.451	0.40222	1912
47 Aglaja . .	11.2	7.5	307.043	312.151	4.087	5.010	7.478	725.269	0.45967	1915
48 Doris . . .	10.9	6.8	3.314	251.604	185.062	6.505	3.505	645.501	0.49341	1892
49 Pales . . .	11.0	7.0	106.832	107.092	288.523	3.159	13.467	654.158	0.48955	1917
50 Virginia .	11.7	8.5	211.32	196.80	174.15	2.80	16.76	822.280	0.4234	1918*
51 Nemausa .	9.8	7.3	129.138	358.506	176.229	9.951	3.856	975.159	0.37395	1891
52 Europa . .	10.3	6.2	142.806	331.776	130.154	7.436	6.370	652.060	0.49048	1917
53 Kalypso .	11.5	8.4	336.979	310.614	144.090	5.134	11.810	837.698	0.41795	1915
54 Alexandra	10.9	7.6	333.868	341.887	314.255	11.795	11.430	795.536	0.43290	1918
55 Pandora .	10.8	7.4	159.321	0.787	11.433	7.226	8.316	773.861	0.44090	1914
56 Melete . .	11.3	8.2	57.910	101.095	194.396	8.051	13.402	846.111	0.41505	1903
57 Mnemosyne	10.7	6.5	205.820	207.029	200.279	15.193	6.638	634.704	0.49829	1915
58 Concordia	11.6	8.3	207.287	27.856	162.150	5.023	2.439	799.596	0.43142	1871*
59 Elpis . . .	10.9	7.6	126.015	207.974	171.175	8.613	6.734	793.979	0.43347	1873
60 Echo . . .	11.1	8.5	40.026	267.952	192.255	3.582	10.573	958.224	0.37903	1899
61 Danaë . .	11.0	7.1	170.501	8.456	334.603	18.253	9.490	688.355	0.47480	1902
62 Erato . . .	12.3	8.2	213.838	270.981	126.280	2.203	10.663	645.516	0.49340	1918
63 Ausonia .	9.9	7.3	343.679	292.915	338.325	5.790	7.300	957.167	0.37935	1899
64 Angelina .	10.5	7.2	230.657	173.528	311.295	1.328	7.300	807.904	0.42843	1914
65 Cybele . .	11.0	6.4	310.945	95.930	159.049	3.479	5.762	557.408	0.53589	1911
66 Maja . . .	12.2	9.0	53.693	40.184	8.626	3.086	10.062	824.394	0.42258	1906
67 Asia . . .	11.2	8.5	269.564	103.328	203.288	5.984	10.798	942.356	0.38386	1900
68 Leto . . .	10.5	7.0	147.135	301.022	44.933	7.967	10.662	763.887	0.44465	1915
69 Hesperia .	10.7	6.8	185.475	284.723	187.036	8.495	9.651	690.673	0.47382	1915
70 Panopaea	10.9	7.8	321.647	252.836	48.600	11.641	10.371	838.996	0.41750	1894
71 Niobe . .	10.7	7.3	41.502	265.242	316.600	23.275	10.151	776.269	0.44000	1914
72 Feronia .	11.2	8.9	136.218	100.441	208.270	5.396	6.945	1039.854	0.35536	1918
73 Klytia . .	12.0	8.8	271.305	52.722	7.922	2.407	2.568	816.012	0.42554	1900
74 Galatea .	11.8	8.3	152.105	170.982	198.105	4.004	13.717	766.273	0.44375	1914
75 Eurydike .	11.6	8.4	112.784	335.571	0.319	5.001	17.762	812.430	0.42681	1899
76 Freia . . .	12.0	7.4	274.901	235.380	212.310	2.051	9.974	564.544	0.53221	1913
77 Frigga . .	11.1	7.9	60.010	56.868	2.408	2.462	7.645	813.830	0.42632	1899
78 Diana . .	10.6	7.5	240.849	149.433	334.047	8.670	11.886	836.219	0.41846	1916
79 Eurynome	10.5	7.8	345.149	198.657	206.870	4.597	10.990	927.853	0.38835	1913
80 Sappho . .	10.6	8.2	59.969	136.893	219.045	8.620	11.575	1020.109	0.36091	1898

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	☊	i	φ	μ	log a	Seit Jahrgang
81 Terpsichore	11.8	8.2	149°.734	46°.249	2°.780	7°.920	12°.198	736″.413	0.45526	1915
82 Alkmene .	11.2	7.8	343.308	107.762	26.364	2.849	12.997	774.016	0.44084	1918
83 Beatrix . .	11.3	8.6	280.925	163.424	27.986	4.999	4.857	935.912	0.38585	1892
84 Klio . . .	11.3	8.8	117.195	12.722	327.681	9.360	13.678	977.317	0.37331	1914
85 Io	10.9	7.7	289.597	120.267	204.137	11.895	11.176	821.052	0.42376	1891
86 Semele . .	12.4	8.3	290.616	299.120	88.049	4.782	12.290	647.22	0.49264	1918
87 Sylvia . .	11.9	7.2	274.411	265.586	75.465	10.884	5.446	545.329	0.54223	1915
88 Thisbe . .	10.8	7.4	243.038	30.825	278.097	5.249	9.435	771.177	0.44190	1915
89 Julia . . .	10.1	7.1	88.473	43.912	311.883	16.123	10.533	870.147	0.40694	1917
90 Antiope .	11.6	7.5	188.682	236.895	70.986	2.258	8.797	632.352	0.49936	1914
91 Aegina . .	10.8	7.7	302.406	71.941	11.264	2.142	6.119	850.876	0.41343	1904
92 Undina . .	10.9	6.7	21.789	220.581	103.044	9.939	5.378	622.680	0.50383	1907
93 Minerva .	10.8	7.4	254.719	269.751	5.809	8.612	8.082	775.921	0.44013	1915*
94 Aurora . .	11.3	7.1	20.667	57.336	4.374	8.069	5.083	631.800	0.49962	1918
95 Arethusa .	11.3	7.3	246.812	148.207	244.312	12.929	8.875	661.619	0.48627	1915
96 Aegle . .	11.4	7.4	221.681	200.571	322.999	16.042	7.660	663.150	0.48560	1918
97 Klotho . .	10.6	7.4	87.381	264.605	161.160	11.756	14.853	813.578	0.42641	1915
98 Ianthe . .	12.7	9.4	340.503	154.828	354.661	15.565	10.820	805.309	0.42936	1904
99 Dike . . .	14	10.5	355.540	191.975	41.837	13.922	11.551	812.793	0.42668	1918
100 Hekate . .	11.9	7.8	140.073	176.844	128.641	6.384	9.283	651.582	0.49069	1914
101 Helena . .	10.7	7.6	219.131	343.946	344.296	10.170	7.921	854.438	0.41222	1915*
102 Miriam . .	12.6	9.4	355.439	143.628	211.876	5.089	14.742	817.838	0.42489	1900
103 Hera . . .	10.2	6.9	273.969	185.282	136.600	5.408	4.568	798.694	0.43175	1915*
104 Klymene .	12.2	8.0	329.096	20.043	43.405	2.883	8.547	632.595	0.49925	1899
105 Artemis .	11.1	8.5	241.775	54.812	188.472	21.497	10.103	970.438	0.37536	1915*
106 Dione . .	11.3	7.2	327.415	327.642	63.236	4.599	9.020	625.242	0.50264	1918
107 Camilla . .	11.2	6.5	158.136	293.966	176.443	9.859	3.944	544.183	0.54284	1914
108 Hecuba . .	11.7	7.4	271.675	172.444	352.667	4.395	6.024	617.911	0.50605	1913
109 Felicitas .	12.0	8.7	147.473	52.388	4.913	8.019	17.215	801.309	0.43080	1917
110 Lydia . .	10.5	7.1	253.442	281.239	57.427	5.988	4.544	785.375	0.43662	1909
111 Ate	11.3	8.2	222.731	163.564	306.890	4.940	5.976	849.471	0.41391	1914
112 Iphigenia	11.5	8.8	130.486	14.110	324.454	2.621	7.425	934.805	0.38619	1899
113 Amalthea	11.0	8.4	228.445	75.981	123.461	5.038	4.990	969.004	0.37579	1918
114 Kassandra	11.1	7.8	233.065	348.811	164.888	4.896	7.926	810.522	0.42749	1891
115 Thyra . .	10.4	7.8	130.873	94.249	309.561	11.588	11.116	966.308	0.37659	1915*
116 Sirona . .	10.7	7.3	53.657	90.080	64.883	3.587	7.958	769.374	0.44258	1914
117 Lomia . .	11.4	7.5	55.111	61.845	349.530	14.930	1.360	685.797	0.47587	1917
118 Peitho . .	10.8	8.1	33.063	31.300	47.866	7.779	9.451	932.777	0.38682	1913
119 Althaea .	10.6	7.5	87.270	168.020	204.354	5.728	4.601	855.406	0.41189	1915*
120 Lachesis .	11.7	7.6	178.634	238.516	342.976	7.006	3.500	645.440	0.49343	1899

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
121 Hermione .	11.2	6.6	330°.397	285°.445	75°.879	7°.558	8°.255	555″.123	0.53708	1912
122 Gerda . . .	11.5	7.2	155.706	11.124	178.988	1.608	3.186	614.374	0.50771	1913
123 Brunhild .	11.8	8.5	209.379	121.729	308.805	6.418	6.962	801.972	0.43056	1916*
124 Alkeste . .	10.3	7.1	176.846	58.233	188.840	2.923	4.461	832.298	0.41982	1915
125 Liberatrix.	11.2	7.8	257.052	104.551	169.813	4.631	4.496	780.935	0.43826	1898
126 Velleda . .	11.5	8.8	288.956	325.809	23.643	2.942	6.065	931.519	0.38721	1904
127 Johanna .	10.5	7.1	66.597	90.448	32.097	8.263	3.792	775.899	0.44013	1915
128 Nemesis .	10.6	7.2	190.512	299.972	76.978	6.255	7.281	777.876	0.43940	1915*
129 Antigone .	10.3	6.6	161.305	103.713	138.174	12.166	12.255	729.558	0.45796	1916
130 Elektra . .	10.6	6.5	265.856	233.769	146.485	22.965	12.489	646.430	0.49299	1902
131 Vala . . .	12.2	9.5	240.201	155.962	65.811	4.964	3.865	935.855	0.38587	1901
132 Aethra . .	10.9	8.0	117.436	252.244	260.406	23.539	19.354	903.688	0.39599	1897
133 Cyrene . .	11.3	7.3	287.577	285.317	321.540	7.234	7.824	661.661	0.48625	1915*
134 Sophrosyne	11.1	8.1	122.514	82.253	346.402	11.614	6.651	864.057	0.40898	1915
135 Hertha . .	10.5	7.8	8.658	337.124	344.444	2.311	11.755	937.064	0.38549	1900
136 Austria . .	11.2	8.9	120.016	130.479	186.561	9.551	4.867	1025.753	0.35931	1900
137 Meliboea .	11.8	7.7	352.023	105.593	204.008	13.350	12.773	645.461	0.49342	1900
138 Tolosa . .	11.8	9.1	21.096	258.091	55.078	3.224	9.333	924.912	0.38927	1914
139 Juewa. . .	10.9	7.4	160.120	162.212	2.807	10.923	10.044	764.168	0.44454	1915*
140 Siwa . . .	11.4	8.0	103.233	194.711	107.349	3.188	12.491	785.190	0.43669	1914
141 Lumen . .	11.4	8.2	280.491	54.221	319.689	11.979	12.283	814.661	0.42602	1892
142 Polana . .	12.2	9.5	16.991	289.934	292.281	2.242	7.736	943.525	0.38350	1898
143 Adria . . .	12.4	9.0	246.147	248.793	334.125	11.505	4.139	773.396	0.44107	1894
144 Vibilia . .	10.7	7.5	81.562	290.776	77.207	4.805	13.471	819.485	0.42431	1915
145 Adeona . .	11.3	8.1	252.347	40.560	78.132	12.686	8.406	812.221	0.42689	1900
146 Lucina . .	11.1	7.7	49.919	140.969	84.646	13.086	3.654	791.419	0.43440	1900
147 Protogeneia	12.5	8.4	253.706	122.705	251.626	1.904	2.036	638.807	0.49642	1907
148 Gallia . . .	11.0	7.5	204.023	251.047	145.463	25.317	10.567	767.772	0.44320	1912
149 Medusa . .	12.9	10.0	81.676	249.901	158.971	0.928	3.880	1106.376	0.33740	1912
150 Nuwa . . .	11.6	7.7	216.861	146.666	208.072	2.137	7.335	687.753	0.47505	1915
151 Abundantia	11.9	8.8	160.591	130.363	39.217	6.474	2.181	850.124	0.41368	1904
152 Atala . . .	12.2	8.1	262.052	42.949	41.286	12.224	4.203	637.200	0.49715	1914
153 Hilda . . .	12.6	7.3	192.973	54.219	228.557	7.864	9.317	449.456	0.59821	1913
154 Bertha . .	11.2	7.0	69.594	164.673	37.327	20.975	5.040	624.406	0.50303	1912
155 Scylla . . .	13.5	9.8	298.112	39.172	43.545	14.077	14.824	713.787	0.46429	1881
156 Xanthippe	11.3	7.9	157.883	334.544	243.086	9.650	12.923	785.686	0.43650	1906
157 Dejanira .	13.7	10.6	279.070	45.666	62.439	12.090	11.511	856.508	0.41152	1908
158 Koronis . .	12.3	8.7	72.395	138.614	281.520	1.001	3.294	730.485	0.45760	1900
159 Aemilia . .	12.3	8.2	302.810	331.893	135.399	6.080	5.629	647.411	0.49255	1899
160 Una	11.8	8.4	31.901	46.799	9.617	3.858	3.752	787.729	0.43575	1915

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
161 Athor	11.0	8.4	8°.891	291°.782	19°.005	9°.060	7°.963	966″.657	0.37649	1915*
162 Laurentia . .	12.3	8.4	152.376	106.058	38.464	6.086	10.518	676.572	0.47980	1915
163 Erigone . . .	11.5	9.0	230.772	295.494	160.456	4.775	11.032	974.216	0.37423	1910
164 Eva	11.5	8.3	64.300	282.297	77.629	24.344	20.367	830.751	0.42052	1912
165 Loreley . . .	11.1	7.0	289.486	342.496	304.406	11.203	3.903	639.530	0.49610	1917
166 Rhodope . . .	12.5	9.2	308.781	261.487	129.861	12.030	12.221	806.768	0.42884	1914
167 Urda	13.0	9.4	52.188	121.135	166.839	2.177	1.984	736.595	0.45519	1899
168 Sibylla	11.6	7.1	262.786	174.428	209.622	4.600	4.365	571.686	0.52857	1901
169 Zelia	11.3	8.8	147.946	332.180	355.178	5.516	7.526	979.646	0.37262	1892
170 Maria	11.7	8.7	290.913	156.312	301.614	14.354	3.636	868.727	0.40742	1912
171 Ophelia . . .	12.1	8.0	196.762	50.501	101.232	2.553	6.883	637.086	0.49720	1914
172 Baucis	10.4	7.8	196.314	356.804	332.407	10.038	6.539	965.990	0.37669	1891
173 Ino	11.0	7.6	125.125	224.665	149.091	14.258	11.862	780.801	0.43831	1898
174 Phaedra . . .	11.6	8.0	357.014	286.054	329.063	12.120	8.303	733.432	0.45643	1915*
175 Andromache	12.3	8.0	78.447	305.420	25.284	3.180	10.778	609.574	0.50999	1915
176 Iduna	12.1	7.9	114.340	182.691	201.165	22.721	10.273	628.264	0.50124	1912
177 Irma	12.4	9.0	91.705	33.263	349.783	1.451	13.549	768.841	0.44278	1899
178 Belisana . . .	12.0	9.2	217.798	210.432	51.121	1.912	2.555	919.413	0.39099	1917*
179 Klytæmnestra	11.5	7.7	126.650	100.840	253.657	7.788	6.437	692.203	0.47318	1915*
180 Garumna . .	13.3	9.9	166.224	169.131	315.122	0.896	9.772	790.461	0.43475	1902
181 Eucharis . .	11.5	7.4	197.459	312.156	144.551	18.688	11.668	636.006	0.49770	1918
182 Elsa	11.0	8.3	245.219	308.326	106.939	2.168	10.848	944.513	0.38320	1899
183 Istria	12.6	9.1	71.933	262.365	143.120	26.431	20.452	760.463	0.44595	1903
184 Dejopeja. . .	12.4	8.2	51.186	217.146	334.054	1.167	3.473	622.481	0.50392	1912
185 Eunike . . .	10.0	6.6	255.010	221.579	154.260	23.237	7.187	782.852	0.43755	1904
186 Celuta	11.4	8.9	194.800	313.611	14.938	13.188	8.689	977.588	0.37323	1899
187 Lamberta . .	11.4	8.0	114.253	192.051	22.580	10.692	13.612	785.615	0.43653	1899
188 Menippe . . .	13.0	9.6	5.705	66.601	242.159	11.743	10.258	772.712	0.44133	1901
189 Phthia	11.5	8.8	22.403	165.992	203.757	5.147	2.072	924.225	0.38949	1915
190 Ismene . . .	12.0	6.7	258.523	286.744	177.215	6.136	9.636	453.687	0.59550	1912
191 Kolga	12.0	8.3	117.533	224.356	160.193	11.490	5.218	720.054	0.46176	1899
192 Nausikaa . .	9.3	6.7	245.107	27.670	343.769	6.863	14.156	952.450	0.38078	1891
193 Ambrosia . .	12.2	9.2	26.026	77.122	351.795	12.208	17.490	843.429	0.41597	1916
194 Prokne . . .	10.5	7.4	175.642	160.623	159.694	18.416	13.849	838.645	0.41762	1918
195 Eurykleia . .	12.6	8.9	201.882	118.121	8.080	7.005	2.426	727.048	0.45896	1915
196 Philomela . .	10.3	6.3	355.852	237.344	73.653	7.284	1.230	646.038	0.49317	1904
197 Arete	12.7	9.3	314.673	243.493	82.366	8.822	9.370	782.650	0.43763	1902
198 Ampella . . .	11.1	8.3	220.417	88.008	268.623	9.302	13.149	920.048	0.39080	1912
199 Byblis	12.4	8.2	27.327	171.143	89.877	15.413	10.529	630.795	0.50008	1911
200 Dynamene. .	11.3	7.9	293.079	82.709	325.811	6.914	7.689	783.252	0.43740	1915

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
201 Penelope .	11.9	8.6	121°.771	177°.724	157°.495	5°.720	10°.423	809″.836	0.42774	1904
202 Chryseïs .	10.7	6.7	18.769	354.354	138.099	8.818	6.008	659.760	0.48708	1914
203 Pompeja .	11.7	8.3	331.128	53.720	348.990	3.208	3.473	783.843	0.43718	1913
204 Kallisto . .	12.0	8.7	241.913	51.267	206.260	8.282	9.860	812.234	0.42688	1915
205 Martha . .	12.7	9.2	279.163	172.138	212.794	10.663	1.915	765.919	0.44388	1915
206 Hersilia . .	12.0	8.6	281.955	300.424	145.754	3.755	2.333	781.815	0.43793	1914
207 Hedda . .	11.8	9.5	206.532	190.664	29.290	3.819	1.651	1027.989	0.35868	1900
208 Lacrimosa.	12.1	8.4	351.317	105.272	5.769	1.792	0.882	720.808	0.46146	1918
209 Dido . . .	11.5	7.4	166.487	249.662	2.346	7.244	3.780	636.984	0.49725	1916
210 Isabella . .	12.5	9.1	16.270	11.774	33.406	5.292	7.010	790.220	0.43484	1914
211 Isolda . . .	11.5	7.5	176.678	170.664	265.718	3.867	9.261	669.000	0.48305	1915
212 Medea . . .	12.2	8.1	146.251	101.252	315.491	4.283	6.678	647.397	0.49256	1901
213 Lilaea . . .	11.7	8.3	185.074	158.604	122.798	6.773	8.330	777.001	0.43972	1914
214 Aschera . .	12.1	9.0	279.486	128.089	342.908	3.462	1.930	841.526	0.41663	1906
215 Oenone . .	12.7	9.3	129.145	314.142	25.646	1.725	2.021	771.411	0.44181	1915
216 Kleopatra .	10.1	6.6	2.855	176.859	216.363	13.038	14.772	759.200	0.44643	1914
217 Eudora . .	13.1	9.5	50.268	150.548	164.364	10.257	17.640	727.044	0.45896	1914
218 Bianca . .	11.4	8.2	165.088	58.817	171.379	15.201	6.605	814.187	0.42619	1914
219 Thusnelda	11.2	8.8	112.522	140.058	201.298	10.786	12.911	982.292	0.37184	1898
220 Stephania .	13.6	11.0	327.260	75.111	259.098	7.570	14.895	984.634	0.37115	1889
221 Eos	11.3	7.4	243.330	188.011	142.964	10.848	5.580	677.354	0.47946	1904
222 Lucia . . .	12.9	8.8	179.313	175.649	80.617	2.181	8.460	640.993	0.49544	1914
223 Rosa . . .	13.3	9.2	2.254	58.522	48.964	1.981	6.950	652.985	0.49007	1904
224 Oceana . .	11.7	8.5	265.576	276.924	353.875	5.876	2.431	824.675	0.42248	1893
225 Henrietta .	12.7	8.2	227.044	97.628	201.084	20.697	15.305	567.590	0.53065	1906
226 Weringia .	13.0	9.7	196.228	150.151	135.857	15.824	11.718	793.211	0.43375	1895
227 Philosophia	12.9	8.7	297.189	254.490	331.376	9.252	12.044	637.030	0.49723	1899
228 Agathe . .	14.5	12.4	347.541	16.015	313.986	2.557	13.917	1086.040	0.34277	1915
229 Adelinda .	13.5	8.9	253.256	303.343	31.063	2.158	8.188	561.463	0.53379	1914
230 Athamantis	10.3	7.7	152.253	137.202	240.108	9.419	3.548	964.909	0.37701	1900
231 Vindobona	12.4	8.6	250.451	264.009	352.617	5.140	8.943	711.105	0.46538	1917
232 Russia . .	13.4	10.4	54.968	48.594	152.761	6.070	9.856	869.596	0.40713	1904
233 Asterope .	11.3	8.1	102.549	122.582	222.890	7.650	5.829	817.944	0.42486	1899
234 Barbara . .	11.7	9.1	72.368	190.120	144.625	15.352	14.117	962.661	0.37769	1900
235 Carolina .	12.2	8.5	281.643	207.420	66.898	9.068	3.522	725.271	0.45967	1899
236 Honoria . .	11.4	7.9	102.239	170.502	187.030	7.611	10.913	758.102	0.44685	1915
237 Coelestina .	12.8	9.4	275.474	196.422	84.938	9.763	4.025	772.477	0.44141	1914
238 Hypatia . .	11.7	8.0	2.261	207.043	184.799	12.385	5.171	715.904	0.46343	1905
239 Adrastea .	14.0	10.2	278.288	206.017	181.875	6.149	13.439	693.122	0.47280	1905
240 Vanadis .	12.5	9.3	42.374	298.334	115.095	2.097	11.909	814.759	0.42599	1915

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
241 Germania	11.2	7.2	211°.331	76°.248	272°.041	5°.499	5°.875	665″.939	0.48438	1918
242 Kriemhild	12.6	9.0	29.932	274.465	208.486	11.280	7.088	732.903	0.45664	1914
243 Ida	13.3	9.7	72.520	104.905	326.496	1.158	2.717	733.112	0.45656	1915
244 Sita	13.7	11.7	206.480	164.444	209.038	2.826	7.873	1106.602	0.33734	1905
245 Vera	12.5	8.5	177.427	326.357	62.345	5.190	11.626	651.494	0.49073	1899
246 Asporina	11.7	8.4	282.03	93.50	162.95	15.62	6.14	802.058	0.4305	1918
247 Eukrate	11.0	7.6	12.224	53.474	0.433	25.094	13.870	781.448	0.43807	1918
248 Lameia	13.0	10.2	71.066	1.016	246.990	4.014	3.681	913.940	0.39273	1907
249 Ilse	13.6	11.1	234.609	39.705	335.038	9.671	12.483	968.250	0.37601	1907
250 Bettina	11.5	7.3	273.579	71.621	25.202	12.856	7.507	635.880	0.49776	1918
251 Sophia	13.6	9.6	357.573	288.352	157.155	10.487	5.642	650.380	0.49123	1917
252 Clementina	13.0	8.8	21.773	148.837	203.426	9.993	4.261	632.103	0.49948	1904
253 Mathilde	13.4	10.2	83.117	153.636	180.368	6.636	15.471	824.975	0.42238	1903
254 Augusta	13.4	11.3	283.807	230.833	28.673	4.536	6.969	1091.084	0.34143	1892
255 Oppavia	13.8	10.4	221.217	149.098	14.563	9.513	4.663	779.504	0.43879	1916
256 Walpurga	13.2	9.3	125.386	48.468	183.854	13.298	3.727	683.259	0.47695	1907
257 Silesia	12.8	8.7	158.815	25.379	35.876	3.699	7.302	646.633	0.49290	1914
258 Tyche	11.1	8.0	285.736	152.867	208.080	14.248	11.882	838.824	0.41756	1907
259 Aletheia	12.1	8.0	339.786	156.887	88.817	10.712	6.345	635.214	0.49806	1903
260 Huberta	13.9	9.2	6.536	170.538	167.715	6.362	7.263	556.741	0.53624	1917
261 Prymno	11.5	9.0	139.011	63.160	96.648	3.641	5.165	996.782	0.36760	1904
262 Valda	14.1	11.1	112.919	22.626	38.944	7.736	12.235	869.520	0.40715	1903
263 Dresda	13.3	9.6	297.038	157.995	218.062	1.280	4.359	722.555	0.46076	1904
264 Libussa	12.1	8.6	54.852	336.694	50.405	10.448	7.747	757.701	0.44701	1904
265 Anna	13.8	11.1	332.151	251.265	335.617	25.683	15.425	942.640	0.38377	1917
266 Aline	11.7	8.2	235.255	147.825	236.684	13.349	9.022	755.650	0.44779	1907
267 Tirza	14.0	10.5	34.734	193.400	74.380	6.024	5.780	767.363	0.44334	1903
268 Adorea	12.5	8.5	28.028	58.509	121.859	2.430	7.416	651.035	0.49094	1917
269 Justitia	12.7	9.6	348.754	115.526	157.823	5.428	12.311	838.944	0.41752	1902
270 Anahita	11.0	8.9	186.190	78.502	254.723	2.360	8.646	1088.550	0.34211	1912
271 Penthesilea	12.8	8.9	44.219	49.323	337.331	3.583	5.795	679.197	0.47867	1905
272 Antonia	13.6	10.1	28.420	65.554	38.046	4.477	1.782	767.255	0.44338	1901
273 Atropos	11.6	9.0	235.846	118.865	158.909	20.398	9.317	957.100	0.37937	1914
274 Philagoria	13.6	9.6	322.449	114.691	93.939	3.681	7.118	669.096	0.48301	1907
275 Sapientia	12.0	8.5	7.616	31.137	135.116	4.744	9.300	769.934	0.44237	1915
276 Adelheid	11.8	7.7	322.337	272.535	211.821	21.590	4.120	645.070	0.49360	1910
277 Elvira	13.1	9.4	26.670	131.539	233.580	1.132	5.312	724.624	0.45993	1908
278 Paulina	12.7	9.3	37.657	137.352	62.537	7.830	7.797	776.649	0.43985	1909
279 Thule	13.8	8.1	104.117	220.775	75.497	2.351	3.664	397.600	0.63371	1916
280 Philia	14.4	10.6	16.575	80.978	11.626	7.460	6.321	703.882	0.46834	1902

Epoche: 1925 Jan. 0.5 M. Z. Greenwich: mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
281 Lucretia .	13.1	11.0	55°.898	14°.597	31°.497	5°.329	7°.595	1096″.419	0.34002	1916
282 Clorinde .	13.3	10.8	64.844	294.728	144.991	9.021	4.678	992.094	0.36897	1908
283 Emma. . .	11.8	7.8	50.661	49.143	306.042	8.042	8.669	668.000	0.48349	1915
284 Amalia . .	12.9	10.4	259.126	55.704	234.255	8.070	12.860	979.724	0.37260	1906
285 Regina . .	14.9	10.9	211.052	12.479	312.531	17.284	11.926	661.483	0.48633	1893
286 Iclea . . .	13.2	9.0	4.158	243.202	149.857	17.891	0.759	620.628	0.50478	1907
287 Nephthys .	10.7	8.2	354.318	117.550	142.435	10.020	1.326	982.663	0.37173	1901
288 Glauke . .	12.5	9.1	183.908	80.915	121.076	4.327	12.106	775.865	0.44015	1918
289 Nenetta . .	13.0	9.3	178.373	186.992	182.723	6.654	11.667	727.911	0.45862	1916
290 Bruna . . .	13.9	11.5	306.245	103.643	10.554	22.279	15.175	992.604	0.36882	1918
291 Alice . . .	13.6	11.4	244.530	329.484	161.319	1.840	5.321	1071.174	0.34676	1907
292 Ludovica .	12.5	9.5	109.642	288.200	43.421	14.872	1.649	881.552	0.40317	1914
293 Brasilia . .	12.9	9.2	133.460	82.380	62.551	15.756	6.801	730.837	0.45746	1894
294 Felicia . .	13.4	9.3	68.439	179.229	137.082	6.242	14.018	637.17	0.49720	1917
295 Theresia .	13.5	10.0	60.349	143.773	277.821	2.674	9.825	758.611	0.44666	1903
296 Phaëtusa .	13.3	11.1	94.008	250.120	121.189	1.745	9.107	1068.122	0.34759	1894
297 Caecilia . .	13.3	9.1	46.775	346.403	333.797	7.580	7.958	629.258	0.50079	1910
298 Baptistina	13.5	11.3	252.864	132.725	8.323	6.296	5.473	1041.419	0.35492	1908
299 Thora . . .	14.5	11.7	5.917	147.520	242.311	1.587	3.490	935.125	0.38609	1906
300 Geraldina .	12.5	8.2	22.807	283.157	42.461	0.786	2.445	617.265	0.50636	1902
301 Bavaria . .	12.7	9.3	354.638	120.532	142.922	4.875	3.767	789.283	0.43518	1917
302 Clarissa . .	13.9	11.2	19.448	53.038	8.097	3.437	6.348	951.035	0.38121	1916
303 Josephina .	12.0	7.9	137.311	68.227	345.307	6.927	4.139	644.682	0.49377	1918
304 Olga . . .	12.4	9.7	221.976	169.765	159.107	15.786	12.830	952.918	0.38063	1910
305 Gordonia .	12.5	8.4	120.257	250.600	211.413	4.416	11.565	654.899	0.48922	1908
306 Unitas . .	10.7	8.2	347.371	165.541	141.928	7.252	8.677	980.092	0.37249	1905
307 Nike . . .	13.1	9.4	9.969	320.502	101.918	6.111	8.275	715.936	0.46342	1915
308 Polyxo . .	11.0	7.6	42.935	111.681	182.301	4.354	2.058	777.930	0.43938	1917
309 Fraternitas	12.7	9.5	197.675	332.140	358.341	3.940	5.032	831.679	0.42003	1894
310 Margarita .	13.5	10.1	164.848	318.402	231.017	3.117	6.662	774.172	0.44078	1895
311 Claudia . .	13.0	9.3	27.684	80.406	81.460	3.262	0.733	719.368	0.46204	1918
312 Pierretta .	12.5	9.0	140.902	256.549	7.884	9.086	9.228	763.270	0.44489	1917
313 Chaldaea .	10.3	7.7	261.577	314.032	176.745	11.605	10.513	969.267	0.37571	1916
314 Rosalia . .	14.0	9.9	350.731	185.171	171.497	12.537	10.445	634.719	0.49828	1910
315 Constantia	14.0	11.8	343.909	171.389	161.569	2.407	9.672	1057.265	0.35055	1895
316 Goberta . .	13.3	9.1	233.646	314.108	124.463	2.331	7.397	625.486	0.50253	1918
317 Roxane . .	12.2	9.8	226.206	185.206	151.027	1.753	4.844	1025.938	0.35926	1906
318 Magdalena	13.2	9.0	179.861	280.890	162.669	10.599	3.083	617.834	0.50609	1918
319 Leona . . .	14.2	9.7	81.647	215.617	189.273	10.734	12.240	562.824	0.53309	1918
320 Katharina .	13.7	9.8	134.295	147.141	221.178	9.320	6.692	677.726	0.47930	1918

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
321 Florentina .	13.2	9.5	238°.529	34°.042	40°.963	2°.617	2°.651	723″.655	0.46032	1905
322 Phaeo	12.3	8.8	83.863	110.688	253.965	7.979	14.196	764.502	0.44442	1918
323 Brucia . . .	13.0	11.0	191.195	292.310	97.504	19.347	15.960	1119.60	0.33396	1895
324 Bamberga .	9.9	6.6	288.864	41.523	328.890	11.244	19.719	807.027	0.42875	1917
325 Heidelberga	12.4	8.1	344.536	75.230	345.393	8.547	9.512	618.241	0.50590	1915
326 Tamara . . .	11.1	8.7	43.974	236.962	32.359	23.791	10.805	1005.764	0.36501	1896
327 Columbia . .	13.0	9.5	288.920	302.366	355.588	7.157	3.592	767.150	0.44342	1918
328 Gudrun . . .	12.3	8.2	68.100	101.762	353.396	16.124	6.934	649.154	0.49177	1917
329 Svea	12.1	9.3	120.786	38.515	178.680	16.008	1.595	912.135	0.39330	1904
330 Adalberta .	13.5	11.7	128.596	—	359.236	19.981	—	1174.9	0.32000	1898
331 Etheridgea .	12.5	8.5	303.698	333.603	23.075	6.077	5.979	675.672	0.48018	1910
332 Siri	12.6	9.1	250.454	293.656	32.237	2.878	5.177	768.749	0.44281	1908
333 Badenia . .	12.7	8.6	293.370	14.239	355.588	3.842	10.084	644.612	0.49381	1908
334 Chicago . . .	12.0	6.8	41.641	234.142	134.523	4.631	0.857	459.514	0.59180	1915
335 Roberta . . .	11.6	8.8	156.660	140.855	148.125	5.095	10.370	912.662	0.39313	1908
336 Lacadiera . .	11.8	9.6	289.303	28.811	235.247	5.641	5.480	1049.848	0.35259	1904
337 Devosa . . .	11.4	8.8	210.588	95.672	355.898	7.868	7.964	964.442	0.37715	1903
338 Budrosa . .	12.1	8.4	152.719	106.501	288.892	6.046	1.211	713.531	0.46440	1901
339 Dorothea . .	12.8	8.8	94.222	155.988	174.645	9.898	5.818	679.216	0.47867	1908
340 Eduarda . .	12.9	9.5	342.401	39.984	27.788	4.705	6.783	779.902	0.43864	1908
341 California . .	13.1	11.0	350.454	291.361	29.264	5.669	11.144	1087.715	0.34233	1910
342 Endymion .	12.8	9.8	247.041	221.750	233.226	7.345	7.369	862.014	0.40966	1908
343 Ostara . . .	13.5	10.9	217.266	7.201	38.834	3.306	13.438	947.876	0.38217	1918
344 Desiderata .	11.7	8.5	335.426	233.915	49.187	18.611	18.401	851.025	0.41338	1915
345 Tercidina . .	11.2	8.8	352.918	229.046	212.742	9.738	3.508	1000.905	0.36641	1910
346 Hermentaria	11.5	8.0	342.425	287.127	92.732	8.755	5.796	758.533	0.44669	1902
347 Pariana . . .	12.0	8.8	125.54	83.22	86.23	11.70	9.45	839.909	0.4172	1918
348 May	12.9	9.1	69.424	4.979	90.962	9.758	3.831	693.637	0.47258	1904
349 Dembowska	9.8	6.0	201.452	340.512	33.421	8.292	5.144	709.292	0.46612	1915
350 Ornamenta .	12.7	8.6	300.285	334.708	90.662	24.822	8.741	644.785	0.49373	1918
351 Yrsa	12.2	8.8	316.655	27.229	99.872	9.232	8.873	770.756	0.44206	1910
352 Gisela . . .	12.1	10.0	12.654	142.424	247.556	3.366	8.607	1091.969	0.34120	1906
353 Ruperto-Carola	14.2	10.9	56.409	318.218	103.203	5.643	19.161	781.416	0.43808	1918
354 Eleonora . .	10.0	6.5	276.121	4.132	140.812	18.374	6.457	757.039	0.44726	1916
355 Gabriella . .	13.1	10.1	352.096	94.548	352.541	4.354	6.216	877.280	0.40458	1908
356 Liguria . . .	11.0	7.6	32.377	74.399	356.443	8.270	14.036	776.282	0.43999	1910
357 Ninina . . .	12.2	8.0	14.443	242.499	139.002	15.112	4.096	634.456	0.49840	1915
358 Apollonia . .	12.5	8.8	271.424	248.316	173.346	3.527	8.440	726.563	0.45915	1915
359 Georgia . . .	12.3	8.9	214.387	336.631	6.893	6.811	8.975	787.647	0.43578	1905
360 Carlova . . .	11.9	8.0	129.082	286.922	133.590	11.664	10.346	682.018	0.47747	1910

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
361 Bononia .	13.3	8.0	72°428	74°097	19°469	12°655	12°038	453″147	0.59584	1918
362 Havnia . .	11.1	8.0	3.074	29.193	27.593	8.081	2.518	857.159	0.41130	1907
363 Padua . .	11.6	8.2	158.733	290.855	65.283	5.967	4.112	778.617	0.43912	1916
364 Isara . . .	11.7	9.5	322.629	311.048	105.407	6.000	8.615	1072.580	0.34638	1916
365 Corduba .	12.2	8.7	50.327	213.242	185.897	12.725	8.869	756.226	0.44757	1918
366 Vincentina	12.3	8.2	142.084	314.977	348.198	10.593	3.451	636.212	0.49760	1907
367 Amicitia .	12.5	10.3	294.991	53.315	83.294	2.950	5.475	1072.863	0.34631	1910
368 Haidea . .	13.5	9.5	276.351	85.104	230.351	7.802	11.137	663.984	0.48523	1897
369 Aëria . . .	12.7	9.5	29.121	266.294	94.710	12.721	5.556	822.707	0.42317	1908
370 Modestia .	12.8	10.4	268.990	66.007	291.191	7.870	5.228	1001.192	0.36633	1915
371 Bohemia .	11.8	8.4	27.486	338.356	284.427	7.379	3.598	788.426	0.43550	1918
372 Palma . .	10.5	6.4	151.375	112.816	328.594	23.658	15.374	633.739	0.49873	1917
373 Melusina .	12.8	8.7	254.633	347.714	4.648	15.453	8.579	646.582	0.49292	1910
374 Burgundia	11.7	8.2	24.132	22.106	219.812	8.964	4.629	765.560	0.44402	1908
375 Ursula . .	11.0	6.9	273.041	344.522	337.671	15.957	5.688	640.817	0.49552	1915
376 Geometria	11.8	9.4	103.684	314.258	302.445	5.424	9.913	1025.016	0.35952	1908
377 Campania	11.5	8.2	8.598	192.649	210.968	6.659	4.437	804.920	0.42950	1897
378 Holmia . .	12.6	9.1	290.098	153.784	233.469	6.965	7.339	766.572	0.44364	1908
379 Huenna . .	12.6	8.5	315.438	177.306	173.074	1.607	11.091	641.849	0.49505	1903
380 Fiducia . .	12.6	9.3	154.391	237.077	95.573	6.171	6.558	809.782	0.42776	1904
381 Myrrha . .	12.4	8.1	10.412	142.995	125.596	12.578	7.255	620.624	0.50479	1907
382 Dodona . .	12.1	8.1	149.054	267.089	316.035	7.436	10.158	645.017	0.49362	1908
383 Janina . .	13.3	9.2	266.515	314.780	93.505	2.650	9.519	637.666	0.49694	1918
384 Burdigala .	11.7	8.5	103.25	31.62	48.42	5.64	8.50	821.455	0.4236	1918*
385 Ilmatar . .	10.3	6.7	149.851	184.305	345.998	13.686	7.514	739.949	0.45387	1906
386 Siegena . .	10.5	6.8	218.204	217.664	167.333	20.258	9.578	719.346	0.46205	1908
387 Aquitania	9.8	6.4	175.064	153.564	128.974	17.963	13.788	782.608	0.43764	1899
388 Charybdis	11.7	7.8	174.197	322.692	355.690	6.485	3.467	680.751	0.47801	1908
389 Industria .	11.1	8.0	86.301	262.825	283.002	8.120	3.887	842.477	0.41630	1901
390 Alma . . .	13.2	10.0	62.807	188.512	305.786	12.150	7.478	821.022	0.42377	1902
391 Ingeborg .	13.2	10.8	214.630	145.345	212.857	23.058	17.939	1004.011	0.36551	1918
392 Wilhelmina	12.2	8.3	3.004	141.460	212.089	15.704	10.227	694.356	0.47228	1906
393 Lampetia .	11.0	7.6	250.286	86.551	214.644	14.905	19.165	765.666	0.44398	1917
394 Arduina .	13.0	9.6	250.480	265.661	68.545	6.261	13.192	771.095	0.44193	1898
395 Delia . . .	13.0	9.5	309.191	20.614	260.276	3.528	7.269	764.391	0.44446	1898
396 Aeolia . .	13.2	9.7	26.129	18.578	251.708	2.630	10.308	782.986	0.43750	1899
397 Vienna . .	12.2	9.0	60.066	136.456	228.897	12.728	14.288	829.147	0.42092	1918
398 Admete . .	13.7	10.4	240.248	156.549	280.858	9.494	12.832	782.814	0.43757	1912
399 Persephone	13.0	9.0	200.074	187.040	347.516	13.169	4.109	665.096	0.48475	1910
400 Ducrosa .	14.5	10.4	117.622	229.449	329.042	10.617	5.264	641.871	0.49504	1898

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
401 Ottilia . . .	12.6	8.2	264°.446	200°.372	39°.107	6°.096	2°.785	584″.393	0.52221	1915
402 Chloë . . .	10.7	7.7	125.258	13.570	129.836	11.834	6.410	866.796	0.40806	1914
403 Cyane . .	12.0	8.5	201.281	247.897	246.048	9.135	5.818	753.744	0.44852	1907
404 Arsinoë . .	13.0	10.0	62.930	118.860	93.007	14.066	11.687	849.078	0.41404	1907
405 Thia . . .	11.0	8.0	111.242	305.193	256.362	11.805	14.540	856.814	0.41141	1915
406 Erna . . .	13.5	9.8	310.385	34.618	317.244	4.259	10.459	712.952	0.46463	1914
407 Arachne .	11.9	8.7	325.362	78.181	295.307	7.527	3.990	834.111	0.41919	1910
408 Fama . . .	13.4	9.2	53.289	100.599	299.850	9.105	7.909	627.210	0.50173	1902
409 Aspasia . .	10.7	7.6	208.123	351.126	242.961	11.212	3.889	857.386	0.41122	1907
410 Chloris . .	11.9	8.5	8.608	168.795	97.627	10.887	13.762	788.824	0.43535	1909
411 Xanthe . .	12.5	8.7	97.306	177.997	108.763	15.322	6.600	706.067	0.46744	1915
412 Elisabetha	11.9	8.5	21.797	92.814	106.892	13.759	2.451	772.860	0.44127	1907
413 Edburga .	12.2	9.2	70.161	248.884	105.415	18.873	19.723	856.555	0.41150	1901
414 Liriope . .	13.4	8.6	206.511	306.199	112.834	9.658	6.004	542.945	0.54350	1918
415 Palatia . .	11.6	8.1	120.225	293.664	128.540	8.093	17.608	760.372	0.44599	1914
416 Vaticana .	11.5	8.0	28.448	195.429	58.845	12.930	12.597	761.661	0.44550	1916
417 Suevia . .	12.7	9.2	76.186	343.303	200.159	6.595	8.091	759.143	0.44646	1910
418 Alemannia	12.6	9.5	261.213	123.017	249.413	6.816	6.820	850.328	0.41361	1914
419 Aurelia . .	11.1	8.0	332.669	40.522	230.402	3.951	14.863	850.846	0.41344	1914
420 Bertholda .	12.3	7.7	60.548	218.708	246.589	6.623	2.425	563.070	0.53296	1915
421 Zähringia .	14.2	11.2	335.685	206.714	188.136	7.845	17.017	879.163	0.40396	1918
422 Berolina .	13.4	11.2	200.358	333.079	9.216	5.007	12.378	1066.443	0.34805	1903
423 Diotima . .	11.2	7.2	230.722	193.828	70.523	11.266	1.956	660.615	0.48671	1908
424 Gratia . .	12.8	9.3	57.568	329.623	99.758	8.205	6.380	768.571	0.44288	1915
425 Cornelia .	13.1	9.4	185.556	118.841	61.920	4.074	3.447	723.291	0.46046	1916
426 Hippo . . .	11.5	7.8	9.680	221.759	312.328	19.630	5.898	722.456	0.46080	1901
427 Galene . .	12.8	9.0	145.764	5.903	299.183	5.138	6.890	692.000	0.47327	1915
428 Monachia .	13.5	11.1	278.512	13.870	17.696	6.228	10.262	1009.005	0.36408	1902
429 Lotis . . .	12.6	9.4	179.100	166.601	220.490	9.514	7.094	842.413	0.41632	1908
430 Hybris .	13.2	9.6	247.376	174.933	250.220	14.555	14.931	743.475	0.45249	1901
431 Nephele . .	12.6	8.5	50.461	209.853	117.188	1.820	10.516	641.647	0.49514	1914
432 Pythia . .	11.3	8.7	326.516	172.275	88.826	12.127	8.413	973.341	0.37449	1908
433 Eros . . .	9.7	10.6	204.585	177.832	303.803	10.829	12.883	2014.829	0.16385	1916
434 Hungaria .	11.8	10.4	301.171	123.155	174.923	22.500	4.236	1308.957	0.28872	1917
435 Ella	12.1	9.3	307.726	331.151	23.340	1.840	8.899	925.278	0.38916	1909
436 Patricia . .	12.9	8.7	204.359	23.354	352.261	18.604	4.763	622.100	0.50410	1908
437 Rhodia . .	12.7	10.1	49.808	59.301	263.846	7.372	14.371	962.954	0.37760	1917
438 Zeuxo . . .	11.8	8.8	289.545	207.624	49.272	7.383	3.739	869.115	0.40729	1918
439 Ohio . . .	12.7	8.6	215.914	231.138	202.818	19.117	4.193	640.617	0.49561	1903
440 Theodora .	13.1	10.9	273.924	176.040	292.794	1.598	6.189	1079.355	0.34456	1902

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
441 Bathilde . .	12.5	9.0	177°.614	197°.630	254°.557	8°.120	4°.622	753″.698	0.44854	1905
442 Eichsfeldia .	12.1	9.6	9.219	82.122	134.975	6.059	4.005	987.370	0.37035	1906
443 Photographica	12.5	10.2	293.086	347.908	175.356	4.219	2.291	1075.909	0.34549	1910
444 Gyptis . . .	11.2	7.7	67.300	152.205	196.271	10.215	10.179	770.155	0.44229	1917
445 Edna	12.6	8.4	162.549	77.623	293.742	21.394	11.963	624.283	0.50308	1903
446 Aeternitas .	11.4	7.9	200.378	277.569	42.882	10.652	7.118	761.598	0.44552	1905
447 Valentine .	12.1	8.2	313.252	319.267	72.713	4.818	2.576	687.394	0.47511	1916*
448 Natalie . . .	13.4	9.3	228.185	292.293	39.075	12.699	9.901	636.618	0.49742	1914
449 Hamburga .	12.0	9.0	339.997	44.706	86.154	3.101	10.059	870.988	0.40666	1904
450 Brigitta . .	13.2	9.3	308.127	358.653	15.837	10.388	5.366	677.749	0.47929	1903
451 Patientia . .	10.6	6.6	252.793	332.456	90.054	15.244	4.330	662.604	0.48583	1910
452 Hamiltonia	16.7	13.1	5.172	46.716	93.036	3.220	1.223	736.622	0.45517	1903
453 Tea	12.3	10.2	181.900	217.803	11.776	5.576	6.243	1099.965	0.33908	1906
454 Mathesis . .	11.6	8.5	278.312	174.583	32.887	6.323	6.325	832.944	0.41959	1906
455 Bruchsalia .	11.6	8.3	170.104	269.217	77.575	12.023	17.008	818.755	0.42457	1918
456 Abnoba . .	12.9	9.4	116.941	3.477	229.643	14.436	10.404	761.898	0.44541	1917
457 Alleghenia .	15.1	11.0	149.863	129.127	250.996	12.874	10.334	651.852	0.49057	1903
458 Hercynia .	13.1	9.1	220.391	272.327	136.283	12.601	14.135	685.852	0.47585	1907
459 Signe . . .	13.7	10.5	230.364	17.936	30.034	10.381	12.331	832.007	0.41992	1904
460 Scania . . .	13.9	10.5	159.249	163.537	205.973	4.589	5.897	792.305	0.43408	1915
461 Saskia . . .	14.3	10.1	43.005	301.501	156.867	1.371	11.906	624.571	0.50295	1904
462 Eriphyla . .	13.5	9.7	17.027	248.237	105.969	3.177	4.988	728.550	0.45836	1916
463 Lola	14.0	11.4	215.933	325.546	36.774	13.501	12.716	960.910	0.37822	1904
464 Megaira . .	12.2	8.6	99.238	252.586	104.059	10.862	14.666	742.582	0.45284	1904
465 Alekto . . .	13.5	9.3	63.711	280.043	303.722	4.634	11.805	651.923	0.49055	1916
466 Tisiphone .	11.8	7.3	249.540	266.675	291.639	19.320	4.269	575.949	0.52641	1917
467 Laura . . .	14.3	10.5	322.166	91.806	324.157	6.409	6.338	704.103	0.46825	1904
468 Lina	13.1	9.0	221.320	331.146	22.551	0.498	11.787	637.306	0.49711	1904
469 Argentina .	12.7	8.5	51.580	201.396	335.443	11.756	8.981	626.309	0.50215	1910
470 Kilia	12.9	10.3	123.727	43.848	173.475	7.225	5.500	952.354	0.38080	1906
471 Papagena .	10.1	6.2	172.850	311.387	84.903	14.906	13.512	722.892	0.46062	1916*
472 Roma . . .	11.5	8.5	166.040	295.193	127.237	15.861	5.628	875.736	0.40509	1911
473 Nolli	13.3	9.5	327.075	57.110	333.797	27.777	14.811	690.051	0.47408	1905
474 Prudentia .	13.0	10.2	281.589	153.453	162.173	8.718	11.850	922.500	0.39003	1918
475 Oello	13.5	10.2	199.741	301.503	36.098	18.647	22.368	848.673	0.41418	1909
476 Hedwig . .	11.3	8.1	198.395	356.902	286.915	10.945	4.267	823.203	0.42300	1915
477 Italia . . .	12.1	9.5	81.997	320.343	10.950	5.313	10.955	944.572	0.38318	1909
478 Tergeste . .	10.9	7.0	60.681	240.566	235.004	13.160	4.968	677.025	0.47960	1908
479 Caprera . .	13.0	9.6	55.995	268.140	136.780	8.657	12.503	789.248	0.43520	1918
480 Hansa . . .	11.5	8.3	339.903	211.138	237.398	21.289	2.660	824.804	0.42244	1915

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	☊	i	φ	μ	log a	Seit Jahrgang
481 Emita . . .	11.6	8.2	80°.151	345°.854	67°.294	9°.877	9°.177	782″.869	0.43755	1909
482 Petrina . . .	12.0	8.1	59.813	85.519	180.546	14.454	5.314	683.838	0.47670	1907
483 Seppina . .	12.5	7.9	68.473	141.666	175.747	18.626	2.995	557.685	0.53575	1910
484 Pittsburghia	12.9	9.7	343.056	186.890	127.649	12.485	3.167	814.150	0.42620	1917
485 Genua . . .	11.4	8.0	90.314	268.548	194.586	13.801	10.966	777.060	0.43970	1908
486 Cremona . .	13.5	11.0	112.853	124.276	94.568	11.026	9.307	983.966	0.37135	1917
487 Venetia . .	11.8	8.6	329.109	278.467	115.294	10.238	4.942	813.337	0.42649	1910
488 Kreusa . . .	11.5	7.3	76.281	63.927	86.819	11.591	9.392	629.360	0.50074	1916
489 Comacina .	12.5	8.3	161.661	6.209	168.030	12.943	2.427	634.103	0.49856	1916
490 Veritas . . .	12.3	8.1	329.525	187.767	179.466	9.217	5.133	627.551	0.50157	1915
491 Carina . . .	12.5	8.3	285.999	225.046	176.232	18.944	3.715	620.553	0.50482	1907
492 Gismonda .	13.1	9.0	40.052	285.789	47.315	1.655	10.253	646.878	0.49279	1917
493 Griseldis . .	14.5	10.4	339.799	40.841	358.491	15.352	9.216	640.994	0.49543	1918
494 Virtus . . .	12.3	8.4	246.856	209.170	39.280	7.145	3.626	688.142	0.47489	1909
495 Eulalia . . .	12.5	9.7	262.657	199.999	186.687	2.235	8.473	910.120	0.39394	1906
496 Gryphia . .	13.0	11.0	287.220	240.558	206.980	3.617	4.258	1103.453	0.33817	1917
497 Iva	13.5	9.9	237.273	0.146	7.200	4.922	17.571	738.417	0.45447	1916
498 Tokio . . .	11.2	8.1	102.69	237.72	98.43	9.61	12.85	822.407	0.4233	1918
499 Venusia . .	13.0	7.7	305.444	195.752	256.973	2.056	12.363	457.152	0.59330	1916
500 Selinur . . .	12.0	8.9	160.071	71.795	290.706	9.789	8.140	840.020	0.41714	1906
501 Urhixidur .	13.0	8.8	84.558	346.698	358.285	20.827	8.245	630.916	0.50002	1909
502 Signe . . .	13.8	11.2	312.853	16.993	132.895	25.060	10.285	965.064	0.37697	1909
503 Evelyn . . .	12.3	9.0	328.879	38.138	69.711	5.060	10.209	788.475	0.43548	1915
504 Cora	12.7	9.3	323.101	244.623	105.497	12.947	12.470	790.453	0.43475	1910
505 Cava	12.0	8.7	289.381	333.996	91.344	9.791	14.114	805.899	0.42915	1910
506 Marion . . .	12.5	8.5	91.614	143.518	313.829	16.890	8.594	669.200	0.48297	1915
507 Laodica . .	12.5	8.3	67.406	94.556	295.454	9.558	5.796	632.696	0.49921	1906
508 Princetonia	12.3	8.1	314.238	161.572	45.547	13.402	0.681	631.586	0.49972	1906
509 Iolanda . .	11.5	7.5	227.744	153.171	218.661	15.378	5.570	660.724	0.48666	1909
510 Mabella . .	13.0	9.8	10.636	87.211	203.778	9.515	11.116	841.855	0.41651	1917
511 Davida . . .	9.6	5.4	112.158	328.405	108.991	15.843	11.103	631.002	0.49999	1917
512 Taurinensis	12.5	10.5	174.751	247.171	107.199	8.783	14.698	1094.917	0.34042	1916
513 Centesima .	12.3	8.4	346.555	208.974	186.031	9.471	5.003	677.958	0.47920	1915
514 Armida . .	12.4	8.4	334.122	106.036	270.438	3.869	2.571	667.642	0.48364	1910
515 Athalia . .	14.0	9.9	271.012	288.781	122.279	2.013	10.060	645.556	0.49338	1907
516 Amherstia .	11.0	7.7	74.851	254.006	330.640	13.050	16.036	810.710	0.42743	1914
517 Edith	13.1	9.0	269.395	129.018	277.688	3.162	10.725	637.939	0.49682	1914
518 Halawe . . .	13.4	10.5	152.951	118.481	204.179	6.628	12.708	885.773	0.40179	1907
519 Sylvania . .	12.0	8.5	232.232	299.598	45.526	11.036	10.552	761.021	0.44574	1917
520 Franziska .	13.9	10.0	17.333	16.307	35.296	11.007	6.005	680.357	0.47818	1907

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	☊	i	φ	μ	log a	Seit Jahrgang
521 Brixia . . .	12.1	8.7	247°678	312°536	90°661	10°489	16°269	780″202	0.43853	1912
522 Helga . . .	12.6	7.7	123.941	235.386	119.043	4.435	4.410	512.729	0.56008	1918
523 Ada	12.8	9.0	61.774	185.189	262.468	4.313	10.138	694.113	0.47238	1908
524 Fidelio . .	12.4	9.2	52.371	77.175	327.326	8.198	7.347	829.173	0.42091	1914
525 Adelaide .	13.8	9.3	215.521	281.490	126.093	3.250	21.778	581.342	0.52372	1908
526 Jena . . .	13.1	9.0	318.596	357.626	138.085	2.141	8.099	644.230	0.49398	1912
527 Euryanthe	12.5	9.2	119.646	199.688	120.968	9.664	8.646	787.582	0.43581	1908
528 Rezia . . .	12.4	7.8	248.468	0.516	51.857	12.741	1.208	567.840	0.53052	1917
529 Preziosa . .	13.0	9.1	123.403	336.654	66.089	11.062	5.751	676.264	0.47993	1908
530 Turandot .	12.4	8.2	105.826	193.111	130.080	8.389	10.194	610.214	0.50968	1915
531 Zerlina . .	14.0	10.5	119.551	53.860	198.027	34.548	10.912	756.474	0.44748	1908
532 Herculina .	9.8	6.3	190.255	73.001	108.533	16.376	10.109	768.813	0.44279	1908
533 Sara . . .	13.5	9.6	13.973	24.433	181.342	6.511	2.290	689.004	0.47452	1918
534 Nassovia .	12.8	9.2	206.014	344.895	93.842	3.324	5.797	725.560	0.45956	1908
535 Montague .	11.8	8.8	87.256	58.902	84.948	6.802	1.853	862.724	0.40942	1908
536 Merapi . .	11.7	7.0	309.104	292.759	61.142	19.403	5.637	541.600	0.54422	1908
537 Pauly . . .	13.1	9.1	279.015	182.804	121.145	9.897	13.530	661.157	0.48647	1917
538 Friederike	13.2	9.0	187.900	222.883	142.607	6.605	9.379	630.980	0.49999	1908
539 Pamina . .	13.1	9.7	146.458	93.986	275.867	6.790	12.338	782.672	0.43762	1915
540 Rosamunde	12.1	10.0	195.343	334.333	202.249	5.552	5.052	1074.237	0.34594	1915
541 Deborah .	12.9	9.4	175.136	349.415	268.743	5.958	2.560	751.048	0.44956	1916
542 Susanna .	12.8	9.0	28.343	212.299	153.812	12.035	8.218	717.240	0.46289	1914
543 Charlotte .	12.7	8.7	261.614	105.084	296.899	8.450	9.034	662.328	0.48595	1908
544 Jetta . . .	12.6	9.5	26.151	338.348	299.109	8.319	8.627	849.653	0.41384	1908
545 Messalina .	12.2	8.0	262.799	325.776	334.731	11.204	10.907	625.906	0.50233	1916
546 Herodias .	12.1	9.0	196.964	107.459	22.222	14.906	6.501	847.004	0.41475	1909
547 Praxedis .	12.7	9.2	141.149	193.052	193.711	16.942	13.768	769.074	0.44269	1908
548 Kressida .	13.2	10.8	287.947	318.502	108.293	3.866	10.718	1029.495	0.35825	1909
549 Jessonda .	13.5	10.2	193.903	153.551	292.662	3.930	14.929	805.659	0.42924	1908
550 Senta . . .	11.9	8.8	30.834	42.785	271.295	10.114	12.647	850.990	0.41339	1915
551 Ortrud . .	12.8	9.0	337.768	62.134	9.192	0.440	7.042	693.869	0.47249	1914
552 Sigelinde .	12.2	8.0	47.881	329.793	269.054	7.434	4.066	631.413	0.49980	1915
553 Kundry . .	13.7	11.5	32.293	357.863	72.169	5.286	6.361	1073.630	0.34610	1908
554 Peraga . .	10.8	8.2	208.078	124.381	296.044	2.938	8.915	969.164	0.37574	1909
555 Norma . .	13.9	9.7	187.275	350.909	131.132	2.644	8.844	624.247	0.50310	1908
556 Phyllis . .	12.5	9.7	69.946	175.045	286.150	5.239	5.779	915.845	0.39212	1908
557 Violetta . .	13.7	11.0	84.155	189.968	293.681	2.520	5.600	929.468	0.38785	1914
558 Carmen . .	12.2	8.5	45.181	314.677	144.533	8.349	2.234	715.481	0.46361	1908
559 Nanon . .	12.3	9.0	109.401	125.524	112.654	9.303	3.751	794.666	0.43322	1908
560 Delila . . .	13.4	10.0	166.028	1.967	105.799	8.455	9.067	777.661	0.43948	1916

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	☊	i	φ	μ	log a	Seit Jahrgang
561 Ingwelde .	13.9	9.7	238°.871	302°.234	160°.758	1°.512	8°.709	624″.357	0.50305	1908
562 Salome . .	12.9	9.0	158.690	257.361	71.888	11.143	5.421	677.324	0.47947	1916
563 Suleika . .	11.1	7.8	291.581	334.332	85.000	10.350	13.612	794.551	0.43326	1917
564 Dudu . . .	13.7	10.3	78.620	212.055	71.301	18.143	15.620	777.381	0.43958	1917
565 Marbachia	12.9	10.2	121.111	290.253	226.120	10.898	7.311	928.772	0.38806	1918
566 Stereoskopia	12.0	7.5	294.256	300.480	81.012	5.053	7.057	572.663	0.52807	1918
567 Eleutheria	13.1	9.0	242.903	131.561	59.529	9.279	5.558	640.992	0.49544	1917
568 Cheruskia .	12.3	8.6	277.390	170.524	250.409	18.351	9.670	725.727	0.45949	1908
569 Misa . . .	12.4	9.2	87.005	137.638	303.473	1.294	10.539	819.130	0.42444	1918
570 Kythera . .	12.7	8.1	343.360	143.132	228.614	1.693	7.010	560.781	0.53414	1917
571 Dulcinea .	13.8	11.2	36.685	24.515	3.518	5.296	13.984	948.052	0.38212	1915
572 Rebekka .	12.9	10.5	49.835	191.380	194.584	10.597	9.097	954.248	0.38023	1918
573 Recha . . .	13.2	9.2	234.056	28.786	344.121	9.871	6.369	678.763	0.47886	1909
574 Reginhild .	14.3	12.0	210.933	74.975	337.226	5.691	14.065	1045.070	0.35391	1913
575 Renate . .	13.5	10.5	284.488	338.191	349.842	14.867	6.890	868.995	0.40733	1917
576 Emanuela .	12.7	8.8	245.527	31.360	300.429	10.202	10.991	672.075	0.48172	1909
577 Rhea . . .	13.0	8.9	244.897	321.028	331.490	5.275	8.288	644.417	0.49389	1909
578 Happelia .	12.0	8.6	173.536	258.535	30.497	6.174	11.228	778.417	0.43920	1916
579 Sidonia . .	11.5	7.6	331.213	231.219	83.561	11.035	4.599	677.103	0.47957	1915
580 Selene . . .	13.7	9.4	137.029	315.252	99.848	3.675	7.648	618.613	0.50573	1909
581 Tauntonia	13.7	9.4	137.207	320.396	103.340	21.927	2.514	615.963	0.50697	1909
582 Olympia .	12.6	9.5	191.835	309.015	155.781	29.899	13.046	839.352	0.41738	1916
583 Klotilde . .	13.1	8.9	68.116	239.359	261.672	8.287	8.520	629.074	0.50087	1909
584 Semiramis	11.5	8.9	152.997	82.520	282.816	10.736	13.543	969.892	0.37552	1916
585 Bilkis . . .	12.7	10.0	2.201	326.024	180.445	7.513	7.489	937.316	0.38541	1909
586 Thekla . .	12.9	9.0	231.566	239.506	231.017	1.594	3.512	668.673	0.48320	1918
587 Hypsipyle .	14.3	11.8	97.324	187.160	324.441	24.970	9.583	994.165	0.36836	1916
588 Achilles .	14.2	7.7	249.105	127.113	315.790	10.300	8.422	294.715	0.72040	1918
589 Croatia . .	12.7	8.6	281.897	210.888	178.945	10.785	2.914	640.839	0.49551	1909
590 Tomyris . .	13.1	9.2	313.095	329.844	106.985	11.160	3.895	681.469	0.47771	1914
591 Irmgard . .	13.5	10.3	86.180	215.524	335.071	12.566	12.028	807.881	0.42844	1909
592 Bathseba .	12.8	8.9	311.692	248.234	169.466	10.107	7.020	676.021	0.48003	1909
593 Titania . .	12.4	9.1	133.258	27.834	76.504	17.005	12.286	799.698	0.43139	1909
594 Mireille . .	15.0	11.8	122.000	76.006	155.605	32.760	20.453	833.298	0.41947	1909
595 Polyxena .	12.1	7.8	23.429	264.446	25.220	18.368	4.297	620.181	0.50499	1910
596 Scheila . .	12.0	8.2	208.575	172.453	71.332	14.638	9.436	706.587	0.46723	1909
597 Bandusia .	12.8	9.5	0.662	293.359	36.885	11.990	8.710	809.638	0.42781	1916
598 Octavia . .	12.0	8.5	183.425	287.129	92.436	12.196	14.090	770.814	0.44204	1918
599 Luisa . . .	12.4	8.9	294.278	290.068	45.755	16.564	17.252	768.430	0.44293	1910
600 Musa . . .	13.0	9.8	108.798	112.716	139.839	10.187	3.137	817.198	0.42512	1909

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
601 Nerthus . .	12.6	8.5	88°.102	148°.540	170°.712	16°.047	6°.195	639″.815	0.49597	1918
602 Marianna .	12.1	8.0	278.281	41.610	333.384	15.916	16.267	650.934	0.49098	1910
603 Timandra .	13.9	10.9	229.972	155.501	343.880	8.132	8.479	869.241	0.40724	1910
604 Tekmessa .	12.4	8.2	206.129	22.352	12.659	4.674	14.360	627.045	0.50180	1917
605 Juvisia . .	12.9	9.0	222.042	13.712	343.570	19.672	7.758	679.007	0.47876	1910
606 Brangäne .	12.9	9.8	136.939	55.556	319.251	8.664	12.484	853.184	0.41264	1910
607 Jenny . . .	12.6	9.0	78.509	285.705	286.308	10.078	4.549	737.698	0.45475	1910
608 Adolfine .	14.1	10.2	175.038	69.204	295.246	9.386	6.708	675.233	0.48037	1910
609 Fulvia . .	12.8	8.8	238.182	94.731	166.652	4.151	1.915	654.955	0.48920	1910
610 Valeska . .	15.6	11.6	136.448	352.750	21.354	12.823	14.357	658.573	0.48760	1910
611 Valeria . .	12.3	8.4	144.338	253.432	190.629	13.408	7.120	690.896	0.47373	1916
612 Veronika .	14.6	10.4	122.578	116.315	205.431	20.495	15.462	636.959	0.49726	1917
613 Ginevra . .	13.0	9.3	210.615	60.974	355.997	7.745	3.152	712.025	0.46501	1910
614 Pia	13.7	10.4	15.572	201.699	217.788	7.215	5.458	801.678	0.43067	1910
615 Roswitha .	12.6	9.4	216.558	243.603	14.200	2.776	6.203	830.420	0.42047	1915
616 Elly	12.7	9.7	91.937	107.899	356.312	15.008	3.683	868.924	0.40735	1910
617 Patroclus .	12.6	5.9	232.905	302.434	43.682	22.056	8.243	300.532	0.71474	1910
618 Elfriede . .	12.4	8.2	100.886	235.095	111.711	17.029	3.451	622.091	0.50410	1910
619 Triberga .	12.1	9.2	231.794	174.772	187.866	13.647	4.302	886.616	0.40151	1910
620 Drakonia .	13.6	10.9	333.712	332.485	0.513	7.769	7.742	931.236	0.38730	1910
621 Werdandi .	13.9	9.8	81.173	29.309	67.934	2.369	8.739	646.397	0.49301	1910
622 Esther . .	12.8	10.1	308.842	253.845	142.618	8.644	14.144	944.890	0.38308	1910
623 Chimaera .	12.8	10.0	280.076	123.212	308.715	14.194	6.592	918.318	0.39134	1918
624 Hektor . .	13.2	6.4	162.404	172.170	342.162	18.166	1.718	295.068	0.72006	1918
625 Xenia . . .	12.1	8.9	241.772	201.451	128.039	12.194	13.348	828.707	0.42107	1910
626 Notburga .	11.4	8.4	215.337	42.277	341.838	25.424	13.877	859.674	0.41045	1910
627 Charis . .	13.1	9.3	52.367	152.200	143.060	6.405	3.339	708.465	0.46646	1910
628 Christine .	12.2	9.2	300.203	213.586	112.360	11.543	2.604	860.566	0.41015	1910
629 Bernardina	13.8	9.7	92.216	31.690	88.374	9.380	9.705	636.547	0.49745	1910
630 Euphemia	13.5	10.3	56.282	42.715	105.480	13.842	6.595	825.166	0.42231	1910
631 Philippina	12.3	8.8	352.680	276.335	225.264	18.832	4.686	759.590	0.44629	1918
632 Pyrrha . .	14.5	11.3	6.724	248.270	358.332	2.259	11.191	816.080	0.42552	1910
633 Zelima . .	12.9	9.0	43.541	181.757	148.118	10.883	5.887	672.022	0.48175	1910
634 Ute	13.1	9.1	22.050	215.665	134.323	12.332	10.611	665.989	0.48436	1918
635 Vundtia .	12.6	8.5	283.132	214.838	184.548	11.020	4.775	637.791	0.49689	1910
636 Erika . . .	12.4	8.7	25.053	294.143	35.647	7.943	9.953	714.683	0.46393	1911
637 Chrysothemis	14.0	9.8	53.677	172.452	357.781	0.338	7.369	625.577	0.50248	1911
638 Moira . . .	13.5	10.1	326.155	125.769	103.860	7.691	9.329	784.698	0.43687	1911
639 Latona . .	12.1	8.2	87.274	62.568	281.530	8.572	6.232	675.210	0.48038	1917
640 Brambilla .	13.0	8.8	103.335	24.789	236.233	13.344	4.457	631.607	0.49971	1911

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
641 Agnes . . .	14.5	12.3	29°.641	16°.298	40°.835	1°.731	7°.265	1072″.478	0.34641	1911
642 Clara . . .	13.5	9.3	264.918	114.306	7.612	8.209	8.042	627.201	0.50173	1911
643 Scheherezade	13.9	9.4	213.304	194.805	255.632	13.793	4.438	577.581	0.52560	1911
644 Cosima . .	13.1	10.0	47.541	263.744	109.012	1.038	9.307	841.850	0.41651	1911
645 Agrippina	13.5	9.3	290.625	89.147	1.041	7.073	8.934	620.253	0.50496	1911
646 Kastalia . .	14.5	12.1	328.803	35.404	303.168	6.941	12.269	1000.933	0.36640	1911
647 Adelgunde	13.5	10.8	142.665	173.235	255.004	7.310	11.198	929.838	0.38773	1911
648 Pippa . . .	13.1	8.9	301.284	170.093	292.963	9.988	12.745	624.825	0.50283	1911
649 Josefa . . .	15.1	12.1	93.893	346.820	357.467	12.781	16.271	869.564	0.40714	1911
650 Amalasuntha	14.7	11.9	169.897	176.039	215.959	2.557	10.770	918.478	0.39129	1911
651 Antikleia .	13.5	9.6	108.006	349.407	39.075	10.754	5.390	673.39	0.48116	1917
652 Jubilatrix .	13.3	10.3	116.989	274.559	86.501	15.720	7.236	869.682	0.40710	1911
653 Berenike .	12.9	9.0	344.243	49.012	134.003	11.278	2.776	679.147	0.47870	1911
654 Zelinda . .	11.1	8.7	303.076	212.496	278.455	18.172	13.347	1019.451	0.36109	1918
655 Briseïs . .	12.6	8.7	107.471	279.266	130.822	6.490	4.858	686.466	0.47559	1911
656 Beagle . .	13.6	9.5	344.410	313.496	186.351	0.442	7.939	635.069	0.49812	1917
657 Gunlöd . .	13.7	10.6	320.091	239.186	298.470	10.281	6.265	843.374	0.41599	1911
658 Asteria . .	13.6	10.0	232.581	65.110	352.426	1.539	3.313	732.015	0.45699	1911
659 Nestor . . .	14.4	7.7	32.354	328.080	350.211	4.527	6.445	301.000	0.71429	1916
660 Crescentia	10.6	7.6	293.579	107.389	156.857	15.238	5.880	877.992	0.40434	1912
661 Cloelia . .	12.7	8.8	99.502	154.782	337.048	9.351	2.376	678.143	0.47912	1912
662 Newtonia .	13.3	10.3	330.828	163.352	133.698	4.101	12.718	870.112	0.40695	1912
663 Gerlinde .	13.0	9.0	102.889	308.612	234.026	17.753	8.716	659.479	0.48720	1912
664 Judith . . .	14.2	10.0	339.700	90.074	176.098	8.516	14.039	628.749	0.50102	1912
665 Sabine . .	12.8	8.7	18.892	314.446	300.068	14.637	9.832	634.836	0.49823	1912
666 Desdemona	13.6	10.5	291.634	171.022	215.826	7.568	13.939	850.116	0.41369	1912
667 Denise . .	13.4	9.2	181.690	304.504	154.140	25.265	9.823	618.029	0.50600	1912
668 Dora . . .	15.0	11.5	179.063	108.357	216.297	6.802	13.341	759.640	0.44627	1912
669 Kypria . .	13.7	9.8	95.748	99.903	171.574	10.910	6.098	676.435	0.47985	1912
670 Ottegebe .	13.4	9.9	153.495	191.478	175.412	7.541	11.282	756.023	0.44765	1912
671 Carnegia .	13.1	9.0	272.364	88.261	1.928	8.048	3.489	649.936	0.49143	1917
672 Astarte . .	13.3	10.3	53.170	308.350	344.276	11.007	7.467	871.386	0.40653	1912
673 Edda . . .	13.0	9.4	65.384	228.233	228.435	2.828	0.629	750.907	0.44961	1912
674 Rachel . .	10.7	7.0	35.176	39.050	59.058	13.612	11.155	709.615	0.46599	1915
675 Ludmilla .	11.2	7.8	149.686	148.254	264.137	9.719	11.685	769.260	0.44262	1913
676 Melitta . .	12.5	8.5	169.196	178.754	151.255	12.792	6.883	659.867	0.48703	1913
677 Aaltje . . .	12.9	9.2	2.419	272.849	274.426	8.527	1.904	710.648	0.46557	1914
678 Fredegundis	12.6	9.6	9.554	116.841	282.515	6.050	12.583	859.332	0.41056	1914
679 Pax	10.9	7.8	25.647	264.761	113.102	24.421	18.155	850.962	0.41340	1913
680 Genoveva .	13.2	8.9	225.246	238.508	41.171	17.991	16.013	630.383	0.50027	1918

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	☊	i	φ	μ	log a	Seit Jahrgang
681 Gorgo . . .	14.3	10.2	255°.409	116°.049	179°.264	12°.568	4°.780	648".157	0.49222	1913
682 Hagar . .	14.8	11.6	205.801	99.495	191.850	11.471	9.700	826.032	0.42201	1913
683 Lanzia . .	12.4	8.3	59.302	269.133	260.852	18.499	2.755	643.696	0.49422	1913
684 Hildburg .	13.5	10.8	33.491	315.480	336.945	5.491	1.730	929.525	0.38783	1913
685 Hermia . .	13.5	11.2	225.460	78.533	235.611	3.638	11.318	1061.169	0.34947	1913
686 Gersuind .	13.9	10.8	247.239	85.491	244.303	15.719	15.463	852.865	0.41275	1913
687 Tinette . .	14.8	11.4	126.408	50.140	335.365	14.964	15.770	791.198	0.43448	1914
688 Melanie . .	13.5	10.2	197.645	137.925	171.438	10.139	7.964	803.148	0.43014	1913
689 Zita	14.2	11.8	131.570	186.742	168.057	5.698	13.306	1011.533	0.36335	1913
690 Wratislavia	11.8	7.7	279.449	110.748	254.982	11.202	10.733	637.190	0.49716	1915
691 Lehigh . .	12.8	8.9	7.757	297.128	88.923	13.080	6.894	676.805	0.47970	1918
692 Hippodamia	13.3	8.8	207.316	46.741	65.289	26.391	9.496	570.822	0.52900	1916
693 Zerbinetta	12.8	9.0	91.962	291.406	352.594	14.196	1.476	701.873	0.46917	1914
694 Ekard . . .	12.4	9.1	210.661	108.236	231.628	15.756	18.867	813.347	0.42649	1916
695 Bella . . .	11.2	8.2	315.597	77.744	275.869	13.929	8.943	877.30	0.40457	1914
696 Leonora. .	13.2	9.0	275.737	94.931	303.166	12.885	13.935	621.910	0.50419	1914
697 Galilea . .	12.5	8.8	163.959	331.120	16.212	15.108	8.881	725.322	0.45965	1918
698 Ernestina .	13.8	10.2	42.815	96.618	41.617	11.539	6.390	730.849	0.45745	1918
699 Hela . . .	14.5	11.4	123.677	88.726	244.198	15.222	24.418	840.468	0.41699	1917
700 Auravictrix	13.1	10.9	182.080	98.694	96.745	6.797	6.043	1065.639	0.34826	1914
701 [1910 *KN*]	13.1	9.2	14.749	306.607	245.110	7.078	1.821	678.435	0.47900	1914
702 [1910 *KQ*]	12.0	7.8	159.826	54.780	290.719	20.540	0.881	621.856	0.50421	1915
703 Noëmi . . .	13.9	11.9	146.831	173.817	213.752	2.438	8.013	1106.287	0.33743	1914
704 Interamnia	10.3	6.3	244.725	91.950	281.426	17.308	8.936	663.868	0.48528	1917
705 [1910 *KV*]	12.1	8.3	235.568	96.778	3.222	25.017	3.152	708.653	0.46638	1914
706 [1910 *KX*]	13.9	10.5	62.886	28.863	325.870	14.514	11.257	785.637	0.43652	1914
707 [1910 *LD*]	13.6	11.6	197.688	88.437	282.063	4.269	6.320	1102.621	0.33839	1917
708 Raphaela .	13.2	10.0	15.196	196.131	355.898	3.515	4.885	812.569	0.42676	1914
709 [1911 *LK*]	12.1	8.4	74.892	14.208	325.128	16.307	6.632	714.180	0.46414	1914
710 Gertrud . .	14.1	10.0	124.578	98.976	140.854	1.744	7.098	646.829	0.49281	1914
711 Marmulla .	13.0	10.8	296.739	299.190	357.258	6.123	11.207	1062.444	0.34913	1914
712 Boliviana .	11.5	8.3	163.241	179.486	231.080	12.747	10.755	858.280	0.41091	1918
713 [1911 *LS*].	12.9	8.3	282.598	130.758	220.762	10.167	8.888	565.80	0.53156	1918
714 [1911 *LW*]	11.3	8.3	244.963	228.182	234.042	14.364	2.997	879.174	0.40396	1918
715 Transvaalia	12.7	9.3	222.884	320.309	46.566	14.168	3.797	780.97	0.43825	1915
716 Berkeley .	13.4	9.9	61.804	48.824	147.142	8.460	5.088	754.565	0.44821	1915
717 [1911 *MJ*]	14.0	9.9	122.776	17.473	346.754	1.752	14.894	634.630	0.49832	1915
718 Erida . . .	12.8	8.8	325.074	168.153	39.936	6.972	11.478	664.412	0.48504	1917
719 Albert . .	17.6	14.5	75.634	151.943	185.741	10.828	32.722	853.665	0.41248	1915
720 [1911 *MW*]	13.0	9.3	120.384	114.210	36.333	2.394	1.002	727.272	0.45887	1918

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
721 Tabora . .	14.0	9.2	335°983	347°799	41°444	8°412	6°800	526″849	0.55221	1915
722 Frieda . .	13.5	11.5	123.740	256.775	45.780	5.576	8.011	1112.950	0.33569	1915
723 Hammonia	13.3	9.4	187.112	243.935	164.286	4.966	3.509	685.395	0.47604	1915
724 Hapag . .	15.5	12.8	164.455	203.226	204.488	11.602	14.640	935.489	0.38598	1915
725 Amanda .	13.5	10.5	73.553	320.539	68.907	3.796	12.753	859.356	0.41056	1915
726 [1911 *NM*]	13.4	10.7	171.312	177.823	243.055	13.151	8.385	940.472	0.38444	1915
727 Nipponia .	12.7	9.7	119.436	272.718	133.252	15.054	6.137	862.902	0.40936	1915
728 Leonisis .	14.3	12.0	269.199	66.533	81.709	4.244	5.298	1036.278	0.35635	1915
729 [1912 *OD*]	12.9	9.4	235.126	85.358	124.912	18.047	5.424	773.486	0.44104	1917
730 [1912 *OK*]	14.7	12.5	274.300	120.662	95.046	4.233	10.225	1055.373	0.35107	1915
731 [1912 *OQ*]	12.7	8.8	38.538	279.804	47.585	10.697	8.402	684.848	0.47627	1915
732 [1912 *OR*]	13.1	10.3	78.940	63.729	173.332	10.996	2.621	919.068	0.39111	1915
733 [1912 *PF*]	13.0	8.5	201.317	170.141	342.659	20.306	3.375	566.132	0.53139	1916
734 [1912 *PH*]	13.4	9.2	34.993	62.193	4.800	5.851	5.598	634.960	0.49817	1917
735 [1912 *PY*]	12.4	9.0	287.426	307.458	43.862	16.724	18.788	786.957	0.43604	1916
736 [1912 *PZ*]	12.3	10.2	318.211	198.878	135.634	4.371	9.515	1085.496	0.34292	1916
737 [1912 *QB*]	11.2	8.1	44.219	132.112	185.337	12.296	13.894	848.962	0.41408	1916
738 [1913 *QO*]	13.4	9.5	41.545	33.787	132.820	3.518	3.075	673.347	0.48118	1916
739 [1913 *QR*]	12.2	8.8	203.150	40.733	137.057	20.745	8.040	783.999	0.43713	1916
740 [1913 *QS*]	12.6	8.6	72.817	43.306	117.251	10.869	6.370	664.782	0.48488	1916
741 [1913 *QT*]	13.0	9.6	226.279	56.502	101.257	8.430	3.963	791.512	0.43437	1916
742 [1913 *QU*]	12.5	8.6	239.084	285.233	65.126	11.227	6.845	679.176	0.47868	1916
743 [1913 *QV*]	13.0	9.5	290.941	182.559	229.986	4.806	3.231	760.135	0.44608	1916
744 Aguntina .	13.6	9.4	38.867	12.460	144.010	7.752	6.066	627.251	0.50171	1916
745 [1913 *QX*]	13.6	9.3	31.032	2.038	127.415	13.503	5.188	606.775	0.51132	1916
746 [1913 *QY*]	12.5	8.4	277.322	306.403	3.015	17.412	13.909	648.409	0.49210	1916
747 [1913 *QZ*]	11.0	7.2	187.016	272.801	131.770	18.123	20.159	685.927	0.47582	1916
748 Simeïsa . .	13.5	8.2	239.005	196.020	267.175	2.253	7.799	451.354	0.59694	1916
749 Malzovia .	14.0	11.8	149.775	126.837	109.706	5.385	9.988	1055.977	0.35090	1916
750 [1913 *RG*]	13.8	11.1	85.847	72.238	69.984	3.937	6.873	931.672	0.38716	1916
751 Faïna . . .	11.5	8.5	146.962	301.471	79.049	15.576	8.890	872.265	0.40624	1916
752 [1913 *RL*]	13.0	10.2	111.004	21.107	84.836	5.985	4.249	917.800	0.39151	1916
753 Tiflis . . .	13.3	10.9	75.995	200.955	61.390	10.123	12.775	998.424	0.36713	1916
754 [1906 *UT*]	12.8	8.9	67.304	297.214	180.547	24.341	2.978	687.847	0.47501	1917
755 [1908 *CZ*]	13.3	9.1	328.839	39.815	177.902	3.189	7.272	619.876	0.50513	1917
756 [1908 *DC*]	13.9	9.6	339.129	345.598	209.426	19.933	6.874	612.32	0.50869	1917
757 [1908 *EJ*]	12.6	10.0	118.118	41.921	22.603	8.192	6.212	970.658	0.37531	1917
758 Mancunia .	11.3	7.0	260.751	309.064	107.335	5.564	6.440	612.610	0.50855	1917
759 [1913 *SJ*].	13.8	10.7	252.885	358.131	318.492	19.950	11.982	838.262	0.41775	1917
760 [1913 *SL*]	11.9	7.7	187.642	194.146	333.599	12.829	13.375	636.19	0.49761	1917

Epoche: 1925 Jan. 0.5 M. Z. Greenwich; mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	Ω	i	φ	μ	log a	Seit Jahrgang
761 [1913 *SO*]	13.7	10.1	154.227°	294.858°	24.539°	2.188°	3.550°	732.767″	0.45669	1917
762 [1913 *SQ*]	11.7	7.5	237.296	182.854	306.858	13.138	6.023	633.749	0.49873	1917
763 [1913 *ST*]	14.6	12.4	121.087	86.831	290.183	4.083	9.525	1058.104	0.35032	1918
764 [1913 *SU*]	13.2	9.0	308.144	163.059	260.345	10.044	5.491	623.018	0.50367	1917
765 [1913 *SV*]	15.1	12.1	261.788	69.702	327.152	5.574	16.334	874.035	0.40565	1917
766 [1913 *SW*]	12.9	9.0	357.958	69.916	8.851	10.066	5.630	674.525	0.48067	1917
767 [1913 *SX*]	13.8	9.7	36.993	258.582	80.716	2.438	10.441	644.564	0.49383	1917
768 [1913 *SZ*]	14.0	9.8	340.419	11.581	39.969	16.332	11.726	635.381	0.49798	1917
769 [1913 *TA*]	12.8	8.6	72.311	240.735	41.536	7.495	10.190	629.302	0.50076	1917
770 [1913 *TE*]	13.0	10.8	114.573	17.758	44.534	4.397	8.816	1066.725	0.34797	1917
771 Libera . .	13.4	10.2	198.002	225.105	218.739	14.998	14.261	822.010	0.42342	1917
772 [1913 *TR*]	12.1	8.2	307.457	140.182	64.175	28.800	5.622	682.811	0.47714	1918
773 [1913 *TV*]	12.4	8.8	238.703	328.176	322.863	16.694	4.466	732.988	0.45661	1917
774 [1913 *TW*]	12.5	8.5	170.953	22.206	251.884	5.573	9.566	665.870	0.48441	1918
775 [1914 *TX*]	13.7	9.8	49.251	161.486	298.470	7.791	8.284	678.325	0.47905	1918
776 [1914 *TY*]	11.0	7.2	81.363	304.649	80.348	18.201	9.451	706.038	0.46745	1918
777 [1914 *TZ*]	13.9	9.6	272.306	240.316	286.927	13.061	8.402	611.314	0.50916	1917
778 [1914 *UA*]	14.1	9.9	351.725	124.788	324.619	13.343	15.884	629.631	0.50061	1917
779 [1914 *UB*]	11.5	8.2	327.927	46.659	284.235	14.619	12.748	812.695	0.42672	1917
780 [1914 *UC*]	12.7	8.6	115.568	212.409	145.581	19.012	4.780	643.558	0.49428	1917
781 [1914 *UF*]	13.1	8.8	183.682	127.542	140.261	18.807	4.923	608.777	0.51037	1917
782 [1914 *UK*]	13.0	11.0	148.847	80.305	80.285	5.266	2.228	1102.387	0.33845	1917
783 [1914 *UL*]	13.2	10.7	276.305	151.807	141.987	9.257	13.549	985.550	0.37089	1917
784 [1914 *UM*]	13.1	9.0	300.088	232.253	17.299	12.565	12.684	644.549	0.49383	1917
785 [1914 *UN*]	12.6	9.6	201.903	127.207	72.580	12.686	12.204	860.223	0.41026	1917
786 [1914 *UO*]	13.0	8.8	309.931	127.452	91.653	14.378	8.656	623.267	0.50355	1917
787 [1914 *UQ*]	12.8	9.8	152.535	125.474	184.194	14.933	7.105	876.725	0.40476	1917
788 [1914 *UR*]	12.6	8.5	344.679	37.147	179.317	14.383	6.796	639.966	0.49590	1917
789 [1914 *UU*]	14.1	10.8	136.658	40.670	233.255	10.806	8.277	803.576	0.42999	1917
790 [1912 *NW*]	12.7	8.1	228.276	31.955	253.785	20.569	8.532	564.310	0.53233	1917
791 [1914 *UV*]	13.7	9.6	287.928	199.753	130.651	16.424	11.488	645.609	0.49336	1917
792 [1907 *ZC*]	12.8	9.7	114.189	222.680	265.961	8.638	7.558	835.526	0.41870	1918
793 [1907 *ZD*]	12.5	9.0	159.010	306.236	36.570	15.877	7.211	758.581	0.44667	1918
794 [1914 *VB*]	14.6	10.5	350.021	123.292	164.464	5.205	17.198	640.601	0.49561	1918
795 [1914 *VE*]	12.6	9.2	238.760	186.502	17.555	19.142	5.778	777.447	0.43956	1918
796 [1914 *VH*]	12.2	9.0	155.177	326.922	33.607	18.921	18.779	829.238	0.42089	1918
797 [1914 *VR*]	12.5	9.5	349.345	352.913	239.235	4.469	3.096	878.345	0.40423	1918
798 [1914 *VT*]	12.9	9.0	141.439	48.321	215.236	9.160	2.236	678.273	0.47907	1918
799 [1915 *WO*]	12.8	9.8	290.843	222.187	165.030	5.213	0.985	874.108	0.40563	1918
800 [1915 *WP*]	12.9	10.8	242.748	344.903	325.159	4.259	11.653	1090.439	0.34160	1918

Epoche: 1925 Jan. 0.5 M. Z. Greenwich: mittleres Äquinoktium: 1925.0

Nr. und Name	m_0	g	M_0	ω	☊	i	φ	μ	log a	Seit Jahrgang
801 [1915 *WQ*]	13.9	10.8	127°537	334°703	186°302	14°086	4°392	842″182	0.41640	1918
802 [1915 *WR*]	13.7	11.6	47.223	114.144	7.687	5.261	4.530	1084.622	0.34315	1918
803 [1915 *WS*]	13.1	9.0	130.908	36.180	252.834	8.663	1.894	618.430	0.50581	1918
804 Hispania .	11.2	7.6	228.493	343.700	348.366	15.372	7.769	744.373	0.45214	1918
805 [1915 *WW*]	12.9	8.8	151.065	161.799	170.251	16.271	4.070	650.560	0.49115	1918
806 [1915 *WX*]	13.5	9.3	288.211	99.926	45.815	14.198	6.227	621.464	0.50439	1918
807 [1915 *WY*]	13.5	9.5	358.973	356.874	132.445	11.219	2.561	670.413	0.48244	1918

1894 *BD*	13.3	11.3	118.110	356.708	72.891	3.464	8.564	1104.735	0.33783
1901 *GY*	13.1	9.7	340.405	280.060	181.663	4.451	5.347	791.182	0.43449
1904 *OR*	14.6	10.5	237.218	60.352	301.619	5.479	9.083	642.729	0.49465
1906 *WA*	13.6	9.5	93.555	235.921	194.105	9.252	8.860	649.218	0.49174
1906 *WF*	—	—	137.110	338.999	61.149	13.923	8.310	661.939	0.48613
1907 *YC*	12.8	9.7	347.303	217.633	60.084	4.285	9.148	842.763	0.41620
1907 AL_1	14.4	12.3	123.733	356.544	37.087	6.595	9.225	1099.71	0.33915
1908 *CK*	13.8	10.0	84.408	298.002	261.458	2.734	9.353	694.945	0.47204
1908 *CY*	13.3	9.1	317.665	95.227	139.199	2.075	4.368	622.784	0.50378
1908 *DW*	16.5	13.3	291.235	129.447	178.431	6.288	27.223	818.534	0.42464
1908 *EK*[a]	13.0	10.8	232.198	262.424	203.604	6.030	5.712	1053.82	0.35149
1911 *LU*	13.0	8.7	164.122	135.010	46.121	18.879	10.576	617.55	0.50623
1911 *MF*[d]	—	—	285.324	22.015	288.983	12.289	20.136	741.70	0.45319
1913 *TB*	13.3	9.8	237.477	134.928	142.028	8.068	7.587	762.688	0.44511
1913 *TC*	14.7	11.5	222.514	0.722	354.804	8.915	12.637	812.91	0.42664

Epoche: 1925 Jan. 0.5 M. Z. Greenwich: mittleres Äquinoktium: 1925.0

Planet	m_0	Epoche	u	☊	i	μ	log a
1893 *C*	13.5	1893 Jan. 23.5	167°.8	321°.9	3°.6	1182″.9	0.3180
1893 *X*	13	1893 März 21.5	113.0	72.5	1.6	423.4	0.6155
1893 *Y*	13	1893 April 17.5	80.3	124.5	0.3	549.95	0.5398
1894 *AW*	12	1894 Febr. 3.5	62.1	21.9	4.6	996.0	0.3678
1896 *CU*	12.0	1896 Sept. 3.5	100.7	244.2	5.9	692.17	0.4732
1898 *DW*	13.5	1898 Nov. 19.5	181.0	229.5	14.7	841.15	0.4167
1898 *DX*	—	1898 Nov. 19.5	182.1	227.4	22.4	589.39	0.5197
1898 *DY*	13.5	1898 Nov. 13.5	198.3	217.2	3.3	673.12	0.4813
1898 *EA*	13	1898 Nov. 13.5	181.3	227.9	27.4	508.71	0.5624
1900 *FL*	14.0	1900 Sept. 28.5	152.1	198.2	6.7	768.78	0.4428
1902 *HY*	12.5	1902 Juni 2.5	164.7	68.5	9.0	656.86	0.4884
1903 *LD*	12.5	1903 Jan. 18.5	181.1	300.9	15.6	754.21	0.4483
1903 *LX*[a]	—	1903 Sept. 1.5	38.9	287.6	7.4	709.92	0.4659
1903 *LZ*	13.5	1903 Aug. 30.5	153.4	189.6	9.4	759.30	0.4464
1903 *MC*	13.2	1903 Sept. 29.5	185.6	167.5	26.3	564.44	0.5322
1903 *MD*	13.5	1903 Sept. 29.5	358.6	355.0	14.6	654.46	0.4894
1903 *MF*	13.5	1903 Sept. 29.5	183.4	171.5	10.9	783.09	0.4375
1903 *MM*	12.7	1903 Okt. 14.5	181.3	195.9	4.9	714.71	0.4639
1903 *MN*	12.0	1903 Okt. 24.5	350.2	39.9	7.9	945.90	0.3828
1903 *NF*	12	1903 Dez. 18.5	216.0	230.5	15.3	849.85	0.4138
1903 *NG*	13.0	1903 Nov. 14.5	178.1	231.2	8.6	649.73	0.4915
1904 *OP*	13.7	1904 Sept. 5.5	45.6	293.4	13.6	735.20	0.4557
1904 *QW*	12.0	1904 April 4.5	70.2	109.2	11.2	716.53	0.4632
1905 *RN*	13.5	1905 Okt. 24.5	63.5	336.4	3.2	828.93	0.4210
1906 *UK*	12.9	1906 Mai 14.5	102.4	131.3	12.3	776.69	0.4398
1906 *VE*	—	1906 Sept. 15.5	19.7	333.0	16.2	788.20	0.4356
1906 *VG*	12.9	1906 Sept. 24.5	331.7	38.1	3.0	658.81	0.4875
1906 *VW*	13.5	1906 Nov. 11.5	190.2	207.8	9.3	799.40	0.4315
1906 *VX*	13.3	1906 Nov. 11.5	350.5	46.9	7.7	588.99	0.5199
1906 *WD*	12.2	1906 Okt. 26.5	195.8	203.4	48.1	387	0.6595
1906 *WH*	13.2	1906 Nov. 11.5	202.7	213.7	1.9	1195.06	0.3151
1907 AL_2	13.6	1907 Nov. 4.5	186.0	223.3	11.1	818.34	0.4247
1907 *AO*	13.8	1907 Nov. 1.5	167.6	238.9	15.9	619.68	0.5052
1907 *XV*	13.5	1907 März 12.5	68.3	82.7	10.9	567.56	0.5300
1907 *YR*	13.5	1907 April 18.5	85.8	97.4	7.0	470.40	0.5851
1908 *BN*	18.0	1908 Jan. 18.5	254.9	206.9	11.2	405.13	0.6283
1908 *MF*	12	1908 Dez. 19.5	338.3	111.8	25.5	700.34	0.4698
1910 *JY*	13.0	1910 April 5.5	356.2	193.3	14.9	654.05	0.4896
1911 *MU*	13.0	1911 Okt. 16.5	203.0	170.1	17.0	578.89	0.5249
1912 *OL*	13.9	1912 April 12.5	334.0	226.0	16.9	277.91	0.7374
1912 *ON*	13.9	1912 April 12.5	303.5	258.3	5.0	312.48	0.7034
1912 *OX*	—	1912 April 24.5	7.7	204.4	0.4	831.3	0.4202
1912 *OY*	—	1912 April 24.5	201.3	11.2	8.0	959.2	0.3788
1913 *SY*	13.5	1913 Okt. 2.5	246.9	125.1	3.4	651.01	0.4909
1913 *TF*	13.2	1913 Okt. 31.5	31.5	4.4	19.6	630.50	0.5002
1913 *TG*	13.2	1913 Okt. 31.5	207.1	205.8	19.2	652.24	0.4904

Mittleres Äquinoktium 1925.0

Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.
		m	°			m	°			m	°			m	°
1	—	—	—	46	März 17	11.5	184	91	Okt. 21	10.4	315	136	Juni 9	11.0	310
2	—	—	—	47	Okt. 28	11.0	65	92	Febr. 15	11.4	181	137	—	—	—
3	Mai 19	10.0	180	48	Mai 21	11.2	160	93	März 24	10.7	284	138	Mai 3	11.7	288
4	April 15	6.2	319	49	Juni 23	11.4	261	94	Mai 30	11.7	190	139	Okt. 26	11.4	248
5	—	—	—	50	April 15	13.0	204	95	—	—	—	140	—	—	—
6	Dez. 23	8.0	54	51	Febr. 7	9.5	329	96	Febr. 12	10.7	344	141	Juli 15	11.0	301
7	April 18	9.6	161	52	Nov. 24	9.8	327	97	März 18	10.8	82	142	—	—	—
8	—	—	—	53	—	—	—	98	Jan. 3	11.9	325	143	Jan. 22	12.5	264
9	Dez. 7	8.1	3	54	Aug. 14	9.7	17	99	Mai 20	12.5	5	144	—	—	—
10	April 9	8.9	333	55	April 12	11.6	195	100	April 25	11.8	286	145	Nov. 9	11.0	302
11	Sept. 5	8.7	19	56	Nov. 2	11.3	77	101	Febr. 10	11.4	168	146	Aug. 31	11.2	100
12	Jan. 1	10.7	147	57	—	—	—	102	Nov. 26	11.7	43	147	—	—	—
13	Okt. 12	9.9	264	58	—	—	—	103	Juni 3	10.0	299	148	Juli 1	11.3	262
14	—	—	—	59	März 2	11.4	135	104	April 15	12.7	130	149	Mai 23	12.4	195
15	Sept. 2	7.7	329	60	Nov. 22	10.1	332	105	Nov. 13	12.0	161	150	Sept. 14	10.8	358
16	—	—	—	61	Juni 5	10.8	292	106	März 15	12.0	129	151	Aug. 27	12.1	161
17	Dez. 3	10.8	164	62	—	—	—	107	Febr. 9	10.9	27	152	Febr. 12	12.0	48
18	—	—	—	63	—	—	—	108	Juni 26	11.8	98	153	—	—	—
19	Mai 12	10.6	207	64	Okt. 22	10.5	279	109	Mai 6	13.4	164	154	—	—	—
20	Dez. 5	8.3	339	65	—	—	—	110	Juni 12	10.3	292	155			
21	Juli 7	9.3	329	66	—	—	—	111	Aug. 16	11.7	221	156	Dez. 6	12.1	235
22	Okt. 13	9.4	324	67	—	—	—	112	Dez. 11	11.6	86	157	Okt. 6	13.7	283
23	Dez. 3	9.4	326	68	März 12	11.4	185	113	Aug. 29	11.3	129	158	April 20	12.6	148
24	Aug. 10	11.5	174	69	Dez. 18	9.7	342	114	Nov. 28	11.0	288	159	April 22	12.3	92
25	März 29	10.8	277	70	Mai 8	10.4	305	115	—	—	—	160	—	—	—
26	—	—	—	71	Aug. 31	11.1	105	116	Juni 30	11.1	110	161	März 8	11.6	225
27	April 21	10.1	104	72	Mai 27	10.7	310	117	April 28	11.5	172	162	Dez. 21	11.6	321
28	Aug. 22	10.7	212	73	Sept. 26	11.9	307	118	Nov. 20	9.8	345	163	April 18	11.8	91
29	Juni 21	9.4	218	74	April 7	12.9	193	119	—	—	—	164	—	—	—
30	Aug. 29	9.4	316	75	Jan. 1	12.2	91	120	März 19	11.4	323	165	Nov. 14	11.4	122
31	Dez. 5	9.7	351	76	Mai 20	12.7	141	121	April 7	11.9	198	166	Okt. 27	11.2	0
32	Sept. 20	11.0	162	77	Jan. 10	10.6	38	122	Febr. 18	11.2	323	167	—	—	—
33	April 26	12.4	269	78	Sept. 21	11.1	259	123	Juli 24	12.1	242	168	Febr. 7	11.8	107
34	Jan. 13	11.0	328	79	Juli 14	10.8	268	124	—	—	—	169	Okt. 27	11.0	55
35	—	—	—	80	April 30	11.2	243	125	März 29	11.1	283	170	Sept. 30	11.7	283
36	Febr. 20	11.8	67	81	Juni 14	12.6	231	126	März 6	12.1	175	171	Jan. 26	11.5	339
37	—	—	—	82	Febr. 14	9.8	5	127	Mai 16	10.6	108	172	—	—	—
38	Mai 16	11.9	120	83	Nov. 15	11.7	229	128	Mai 18	11.1	230	173	März 14	11.9	148
39	März 13	10.0	167	84	Okt. 1	9.8	19	129	—	—	—	174	Okt. 2	11.9	103
40	—	—	—	85	Mai 14	10.7	291	130	—	—	—	175	April 21	12.6	261
41	April 2	8.8	343	86	Jan. 14	12.1	62	131	Nov. 10	12.6	187	176	Juli 17	11.9	295
42	Febr. 14	11.6	185	87	Jan. 30	12.3	141	132				177	März 5	13.3	123
43	Mai 14	9.1	327	88	April 20	10.8	282	133	Sept. 13	11.4	90	178	Dez. 20	12.2	189
44	—	—	—	89	—	—	—	134	Febr. 17	10.9	65	179	Mai 1	11.9	238
45	Aug. 20	10.6	87	90	Aug. 16	10.8	11	135	April 7	10.9	258	180	Aug. 23	14.0	217

Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.
		m	°			m	°			m	°			m	°
181	—	—	—	226	Jan. 16	14.1	195	271	März 30	13.3	161	316	Jan. 10	12.7	24
182	April 8	11.7	128	227	Sept. 26	13.5	123	272	März 11	13.5	63	317	Dez. 28	12.4	113
183	April 6	13.8	118	228	—	—	—	273	Dez. 28	12.6	178	318	—	—	—
184	Dez. 19	12.5	264	229	—	—	—	274	Aug. 31	13.9	116	319	Sept. 19	13.3	329
185	Juli 31	9.6	306	230	—	—	—	275	Mai 19	11.5	54	320	Juni 12	13.8	266
186	—	—	—	231	Mai 21	11.4	349	276	Juni 1	12.0	120	321	Dez. 15	12.9	8
187	Okt. 28	12.5	183	232	April 25	12.3	9	277	Jan. 1	13.1	85	322	Febr. 7	13.0	114
188	Nov. 20	13.2	90	233	—	—	—	278	Aug. 4	12.9	95	323			
189	Aug. 14	11.4	317	234	Juni 24	10.7	320	279	Dez. 11	14.1	139	324	Juli 14	8.8	316
190	Aug. 14	12.6	233	235	Juli 20	11.8	20	280	April 28	14.7	117	325	Mai 4	13.1	161
191	Mai 9	12.4	206	236	Febr. 17	12.2	140	281	April 28	13.8	171	326	Jan. 13	12.2	209
192	Febr. 12	10.0	106	237	Mai 17	12.5	319	282	Nov. 1	12.9	323	327	Juli 7	12.6	349
193				238	Jan. 12	11.6	71	283	März 7	12.5	173	328	Aug. 18	12.7	237
194	Jan. 9	11.5	132	239	—	—	—	284	—	—	—	329	Juni 22	12.1	52
195	Dez. 26	12.4	331	240	—	—	—	285				330			
196	—	—	—	241	Sept. 24	10.6	12	286	April 24	13.3	177	331	—	—	—
197	Sept. 14	11.8	16	242	Mai 27	12.9	111	287	—	—	—	332	Juni 10	12.3	303
198	Jan. 24	11.7	106	243	Mai 1	13.5	147	288	Dez. 22	12.7	271	333	—	—	—
199	—	—	—	244	Okt. 10	12.8	3	289	Juni 3	13.3	265	334	Okt. 23	12.0	20
200	Nov. 19	10.5	8	245	Okt. 15	11.3	354	290	Juli 19	15.4	175	335	Dez. 4	12.3	129
201	—	—	—	246	März 10	11.6	285	291	Jan. 22	13.0	353	336	Nov. 15	12.3	143
202	Juli 31	11.2	175	247	—	—	—	292	Dez. 15	12.5	110	337	März 18	11.2	71
203	—	—	—	248	Mai 19	12.6	352	293	Okt. 17	13.2	245	338	Juli 15	12.1	260
204	Jan. 7	12.7	222	249	Jan. 16	13.6	74	294	März 1	14.4	217	339	März 13	13.2	207
205	Okt. 20	12.5	2	250	März 21	11.3	67	295	März 23	13.9	105	340	—	—	—
206	Dez. 23	11.8	6	251	Mai 23	14.1	150	296	Mai 17	13.8	239	341	—	—	—
207	Juni 3	11.7	32	252	März 7	13.4	176	297	Febr. 26	13.9	202	342	Aug. 6	13.3	232
208	März 22	12.1	69	253	—	—	—	298	April 9	13.2	51	343	März 1	13.8	88
209	April 19	11.3	324	254	Sept. 26	13.5	88	299	Aug. 2	14.3	288	344	April 3	11.2	308
210	—	—	—	255	—	—	—	300	Febr. 22	12.7	188	345	Juli 11	11.6	212
211	Nov. 17	10.5	346	256	—	—	—	301	Aug. 1	12.4	41	346	—	—	—
212	Okt. 4	11.7	325	257	Nov. 1	12.1	343	302	Sept. 10	13.6	298	347	Aug. 6	12.5	128
213	Jan. 16	12.4	199	258	Juni 4	11.2	276	303	Sept. 25	11.7	317	348	Juli 9	13.3	193
214	Nov. 14	12.0	305	259	Nov. 27	12.7	178	304	—	—	—	349	Aug. 22	9.4	320
215	Febr. 3	12.9	152	260	April 12	14.2	234	305	Okt. 4	12.2	293	350	März 18	12.9	85
216	—	—	—	261	Jan. 1	11.2	309	306	Jan. 27	11.5	179	351	—	—	—
217	—	—	—	262	Jan. 31	13.4	46	307	März 11	13.2	90	352	Febr. 24	12.5	112
218	Dez. 15	12.0	221	263	Dez. 25	13.2	69	308	Nov. 23	11.1	123	353	März 21	14.6	80
219	Sept. 8	9.7	4	264	Febr. 5	12.3	90	309	Febr. 10	13.1	167	354	—	—	—
220				265	—	—	—	310	Nov. 29	13.8	250	355	Dez. 13	12.4	355
221	Okt. 13	10.9	39	266	Aug. 8	11.2	311	311	Juli 15	13.0	130	356	Febr. 23	10.5	55
222	Mai 5	12.1	336	267	Okt. 30	14.3	119	312	—	—	—	357	April 8	12.5	172
223	Juni 20	13.8	157	268	Okt. 14	13.2	205	313	Juli 8	11.1	148	358	—	—	—
224	Febr. 21	11.8	244	269	Mai 15	11.5	334	314	Febr. 15	14.8	139	359	April 17	12.8	239
225	Dez. 14	13.7	124	270	Juli 18	10.1	332	315	—	—	—	360	Juli 29	12.1	266

Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.
		m	°			m	°			m	°			m	°
361	Febr. 1	12.3	23	406	—	—	—	451	—	—	—	496	—	—	—
362	Dez. 12	10.8	23	407	Sept. 13	11.5	344	452				497	Juli 31	12.1	327
363	März 23	12.0	185	408	Juni 8	13.9	228	453	Jan. 23	12.4	264	498	—	—	—
364	Febr. 23	11.7	79	409	Dez. 30	10.9	232	454	—	—	—	499	Sept. 9	13.0	280
365	Febr. 12	12.4	88	410	Sept. 29	11.7	68	455	Febr. 26	12.9	155	500	Febr. 4	12.5	121
366	Mai 22	12.2	306	411	Jan. 2	13.1	173	456	Dez. 8	13.7	214	501	April 22	13.3	248
367	April 28	12.3	70	412	Juli 1	11.9	75	457	Aug. 4	14.5	314	502	Okt. 1	14.6	225
368	Nov. 30	13.7	92	413	—	—	—	458	Dez. 15	11.6	21	503	—	—	—
369	Dez. 23	12.7	80	414	Febr. 20	13.3	78	459	Juni 10	14.5	228	504	Okt. 31	11.6	28
370	—	—	—	415	Mai 22	13.0	176	460	März 24	14.4	174	505	Okt. 30	10.5	341
371	Sept. 12	11.8	83	416	Okt. 26	12.2	116	461	Aug. 5	15.0	230	506	Aug. 17	12.9	243
372	Nov. 19	9.1	349	417	Sept. 5	13.4	155	462	—	—	—	507	Juni 9	12.8	238
373	Dez. 31	13.0	90	418	Mai 20	12.9	238	463				508	Sept. 19	12.3	144
374	Sept. 9	11.8	99	419	März 13	10.8	292	464	März 4	13.3	154	509	Nov. 28	11.2	45
375	Dez. 13	11.3	109	420	Nov. 20	12.1	317	465	Dez. 28	13.8	254	510	Juli 27	11.7	11
376	Febr. 5	12.1	258	421	Juli 26	13.6	304	466	Aug. 12	12.0	120	511	Sept. 29	9.2	304
377	—	—	—	422	Okt. 28	12.3	36	467	Jan. 7	13.9	41	512	Juni 28	11.8	309
378	Nov. 11	11.9	17	423	Juli 11	11.0	23	468	Dez. 7	12.8	60	513	Febr. 7	12.4	95
379	Jan. 2	12.8	89	424	März 17	12.9	92	469	Nov. 14	13.1	255	514	Jan. 8	12.4	86
380	Jan. 21	13.1	140	425	—	—	—	470	Mai 9	12.3	9	515			
381	—	—	—	426	Juli 19	11.7	110	471	Juni 30	10.2	268	516	Sept. 22	11.8	114
382	Jan. 28	12.1	285	427	März 20	13.1	249	472	März 24	11.7	107	517	Jan. 15	12.6	50
383	Jan. 10	12.8	46	428	Febr. 12	13.7	90	473				518	—	—	—
384	April 1	11.9	93	429	März 20	13.1	148	474	Jan. 25	14.0	166	519	Juni 3	11.8	290
385	Nov. 13	10.6	259	430	Nov. 17	11.5	355	475	Febr. 24	15.0	158	520	April 5	14.3	134
386	Sept. 7	9.6	331	431	Febr. 27	13.5	195	476	—	—	—	521	Aug. 9	11.6	303
387	Jan. 4	11.0	181	432	—	—	—	477	Aug. 30	10.9	3	522	Nov. 28	12.5	63
388	Juni 3	11.5	302	433	—	—	—	478	Aug. 3	11.4	203	523	Juni 19	13.7	181
389	Juni 22	11.0	78	434	Jan. 31	12.3	197	479	Jan. 31	12.6	62	524	—	—	—
390	April 7	12.9	55	435	April 4	12.8	207	480	—	—	—	525	Febr. 10	13.1	51
391	—	—	—	436	Dez. 9	12.8	56	481	März 16	11.9	102	526	Juni 20	13.5	121
392				437	April 23	12.8	281	482	—	—	—	527	—	—	—
393	April 1	11.0	290	438	Jan. 13	12.1	219	483	Juni 8	12.4	304	528	Febr. 29	12.4	99
394	Mai 27	12.7	298	439	—	—	—	484	Aug. 22	12.6	13	529	Juli 18	13.1	263
395	Juli 21	12.2	14	440	Jan. 30	12.4	17	485	Juni 1	12.2	134	530	Mai 17	12.3	292
396				441	Sept. 3	12.6	261	486	Febr. 24	13.0	309	531	—	—	—
397	—	—	—	442	—	—	—	487	Nov. 21	11.4	20	532	Dez. 17	9.7	283
398	Sept. 11	13.4	301	443	Mai 22	12.3	73	488	Nov. 13	11.5	277	533	Sept. 26	13.7	156
399	Jan. 30	12.7	318	444	—	—	—	489	Jan. 15	12.4	305	534	Okt. 29	12.4	324
400				445	Sept. 20	11.5	358	490	Febr. 6	12.6	123	535	März 31	11.7	41
401	Okt. 14	12.8	137	446	April 5	11.7	245	491	Jan. 31	12.6	85	536	März 30	12.2	188
402	Mai 29	10.8	90	447	—	—	—	492	Febr. 22	14.0	179	537	Nov. 29	13.5	97
403	Nov. 28	11.8	303	448	Nov. 14	13.2	63	493	März 20	15.1	129	538	Nov. 5	12.4	26
404	Juli 6	12.5	52	449	—	—	—	494	Juni 8	11.9	9	539	März 20	14.1	169
405	Aug. 18	11.7	104	450	—	—	—	495	April 15	13.3	178	540	Jan. 2	12.0	295

Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.	Nr.	Datum 1916	Größe	Mittl. Anom.
		m	°			m	°			m	°			m	°
541	Jan. 7	13.2	211	586	—	—	—	631	März 19	12.0	36	676	Juli 2	12.0	320
542	Jan. 18	12.9	97	587	—	—	—	632	Juli 2	13.4	23	677	Juli 26	13.0	114
543	—	—	—	588	Dez. 28	13.7	10	633	Jan. 29	13.5	155	678	Dez. 14	11.5	28
544	Juli 25	11.7	19	589	—	—	—	634	Febr. 12	13.9	142	679	—	—	—
545	Nov. 28	12.7	109	590	Febr. 14	13.0	59	635	Jan. 10	12.5	62	680	Okt. 7	12.6	59
546	Aug. 23	12.7	199	591	Aug. 22	14.3	121	636	—	—	—	681	Okt. 14	14.2	75
547	April 18	13.8	182	592	Jan. 29	12.6	60	637	Nov. 16	14.2	258	682	Jan. 6	15.7	173
548	März 20	13.3	91	593	Juni 22	13.4	162	638	Mai 8	12.5	357	683	Nov. 14	12.5	249
549	Juli 14	14.5	222	594	Nov. 5	16.6	153	639	März 21	12.7	206	684	Mai 4	13.4	297
550	Sept. 30	11.0	38	595	Jan. 12	12.5	179	640	Febr. 11	13.2	253	685	Nov. 6	13.2	68
551	März 1	12.8	76	596	März 9	11.8	297	641	Mai 8	15.1	169	686	Febr. 26	15.2	202
552	—	—	—	597	Okt. 27	12.3	49	642	April 17	13.3	71	687	März 18	15.9	141
553	Mai 28	14.3	176	598	Mai 14	12.9	228	643	Febr. 15	13.7	53	688	Febr. 7	14.2	193
554	Jan. 26	10.3	50	599	Sept. 24	10.4	10	644	—	—	—	689	Sept. 21	12.5	2
555	—	—	—	600	Nov. 14	13.3	155	645	April 18	13.8	103	690	—	—	—
556	—	—	—	601	März 31	13.0	240	646	Febr. 3	15.6	144	691	März 3	13.2	122
557	—	—	—	602	—	—	—	647	—	—	—	692	April 14	13.1	62
558	Mai 25	12.4	141	603	Sept. 9	14.5	217	648	Mai 16	13.7	114	693	—	—	—
559	Nov. 17	12.7	175	604	—	—	—	649	—	—	—	694	März 7	13.8	203
560	Aug. 15	14.0	225	605	Okt. 2	12.2	14	650	Jan. 4	14.1	52	695	Mai 26	11.3	270
561	Febr. 22	13.3	38	606	Jan. 24	13.0	83	651	Juni 13	13.8	244	696	Febr. 8	13.2	75
562	Mai 28	12.8	288	607	Okt. 27	13.0	186	652	—	—	—	697	April 24	12.9	245
563	Nov. 18	9.6	357	608	Aug. 4	13.7	319	653	Aug. 4	13.1	125	698	Juni 30	14.3	132
564	—	—	—	609	Juli 23	12.7	37	654	Juli 10	12.1	146	699	—	—	—
565	März 5	12.2	10	610	Juni 23	15.6	287	655	Juni 29	12.8	235	700	Jan. 19	12.9	295
566	März 14	12.5	143	611	Sept. 13	12.2	282	656	Juli 28	14.3	161	701	Sept. 16	13.3	164
567	Mai 23	12.7	43	612	April 22	14.6	281	657	—	—	—	702	Aug. 23	12.0	353
568	—	—	—	613	Okt. 25	12.8	340	658	Nov. 4	13.3	347	703	Juli 7	14.0	274
569	März 18	12.4	76	614	—	—	—	659	—	—	—	704	Dez. 27	10.1	65
570	April 24	13.2	209	615	—	—	—	660	Jan. 13	11.1	215	705	—	—	—
571	Aug. 3	13.2	307	616	Febr. 9	12.4	28	661	Okt. 11	12.8	254	706	—	—	—
572	Aug. 24	12.4	321	617	Aug. 17	11.9	338	662	April 1	13.4	278	707	Sept. 20	12.9	351
573	Nov. 14	12.6	34	618	Juni 13	12.4	281	663	—	—	—	708	April 23	12.8	19
574	—	—	—	619	März 1	12.5	157	664	—	—	—	709	Febr. 6	12.7	150
575	März 27	13.9	232	620	März 29	14.2	226	665	—	—	—	710	Jan. 25	14.3	258
576	Okt. 28	12.2	48	621	Aug. 30	14.2	254	666	Juni 28	13.7	278	711	Dez. 30	14.0	154
577	Okt. 6	12.8	66	622	Mai 12	14.0	201	667	—	—	—	712	März 23	12.0	119
578	Jan. 15	13.0	186	623	Juni 26	13.3	206	668	März 9	16.0	220	713	Jan. 31	13.4	131
579	—	—	—	624	Nov. 29	13.1	280	669	Jan. 7	14.3	199	714	Aug. 1	11.5	214
580	Okt. 28	12.9	344	625	März 21	13.0	224	670	April 15	14.3	205	715	Juni 14	12.8	266
581	Nov. 21	13.5	350	626	März 29	12.7	171	671	Febr. 14	12.9	47	716	Sept. 10	13.8	146
582	Juli 14	13.8	191	627	—	—	—	672	Sept. 2	12.7	37	717	Juni 19	13.8	293
583	Okt. 20	13.3	265	628	Mai 10	12.3	266	673	Mai 3	13.0	125	718	Sept. 15	13.5	126
584	—	—	—	629	Okt. 20	13.8	283	674	Mai 28	11.5	136	719	—	—	—
585	Dez. 27	12.2	321	630	April 23	13.2	49	675	Mai 25	12.2	198	720	Okt. 17	13.0	235

Nr.	Datum 1916	Größe	Mittl. Anom.
721	Juni 6	$14^{m}.4$	238°
722	Febr. 8	14.3	199
723	Okt. 15	13.0	336
724	—	—	—
725	—	—	—
726	Jan. 4	12.7	33
727	Jan. 11	12.4	54
728	Mai 24	14.3	84
729	—	—	—
730	Aug. 31	15.1	102
731	Jan. 16	13.3	136
732	Mai 12	12.8	353
733	April 22	13.0	62
734	Juni 19	13.8	205
735	Juli 28	10.7	335
736	—	—	—
737	Nov. 11	10.9	63
738	Sept. 25	13.7	197
739	—	—	—
740	Okt. 28	12.9	241
741	Dez. 24	12.8	302
742	Okt. 31	12.0	36
743	Dez. 19	12.8	31
744	Okt. 19	13.9	237
745	Sept. 30	13.9	243
746	Dez. 9	13.1	107
747	Sept. 7	9.6	328
748	Aug. 1	14.1	214
749	Febr. 1	14.2	274
750	—	—	—
751	Jan. 13	11.4	73
752	—	—	—
753	Febr. 7	14.0	255
754	Aug. 6	13.1	201
755	Okt. 27	14.0	175
756	Okt. 14	14.5	189
757	—	—	—
758	Febr. 7	11.1	68
759	Febr. 29	14.8	221
760	Jan. 22	10.8	329
761	März 16	14.0	220
762	März 1	11.2	29
763	Juli 12	14.4	292
764	März 23	13.5	113
765	Mai 18	16.3	217
766	April 18	$13^{m}.2$	122°
767	Febr. 28	14.7	179
768	April 15	14.8	139
769	Febr. 6	13.5	224
770	Sept. 2	12.8	293
771	Juli 2	14.5	209
772	Juli 22	12.2	82
773	Mai 19	12.2	318
774	April 4	12.1	300
775	Juli 6	14.4	185
776	April 20	11.8	178
777	Juli 11	14.2	107
778	Juni 11	15.3	165
779	Aug. 14	10.0	357
780	Juni 19	12.7	278
781	Juli 14	12.7	21
782	—	—	—
783	—	—	—
784	Okt. 23	13.9	124
785	Nov. 5	13.6	210
786	Okt. 16	13.7	151
787	—	—	—
788	Okt. 26	13.2	173
789	—	—	—
790	Nov. 24	13.2	124
791	—	—	—
792	Mai 29	13.1	106
793	März 27	13.1	204
794	—	—	—
795	—	—	—
796	März 2	13.5	132
797	Febr. 11	12.5	278
798	Febr. 16	13.0	251
799	Juli 4	12.8	257
800	Okt. 18	12.4	55
801	Juli 12	14.2	123
802	Aug. 18	14.1	206
803	Mai 15	13.1	309
804	Juni 9	10.9	302
805	Juni 25	12.7	309
806	Juni 16	13.8	110
807	Juni 23	13.6	139

(261) Prymno 11.2 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. −11	6h 55.2m	8.5	+22° 49′	28	(0.347)
− 3	6 46.7	9.1	+23 17	26	0.091
5	6 37.6	8.8	+23 43	23	0.089
13	6 28.8	7.6	+24 6	20	0.093
21	6 21.2	5.7	+24 26	15	0.102
29	6 15.5		+24 41		(0.340)

(75) Eurydike 12.2 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. −11	6 56.1	9.0	+30 18	12	(0.460)
− 3	6 47.1	9.0	+30 30	4	0.286
5	6 38.1	8.6	+30 34	— 2	0.291
13	6 29.5	7.4	+30 32	8	0.301
21	6 22.1	5.9	+30 24	13	0.314
29	6 16.2		+30 11		(0.476)

***(12) Victoria 10.7 1914**

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. −11	6 56.0	8.4	+14 8	9	(0.444)
− 3	6 47.6	8.7	+13 59	4	0.259
5	6 38.9	8.2	+13 55	—	0.261
13	6 30.7	7.4	+13 55	4	0.268
21	6 23.3	6.0	+13 59	6	0.278
29	6 17.3		+14 5		(0.450)

(277) Elvira 13.1 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. −11	6 58.5	7.4	+21 34	7	(0.458)
− 3	6 51.1	7.6	+21 41	7	0.279
5	6 43.5	7.4	+21 48	6	0.280
13	6 36.1	6.5	+21 54	4	0.286
21	6 29.6	5.3	+21 58	4	0.296
29	6 24.3		+22 2		(0.464)

(411) Xanthe 13.1 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. −11	6 59.4	6.9	+19 6	35	(0.514)
− 3	6 52.5	7.4	+19 41	37	0.360
5	6 45.1	7.2	+20 18	37	0.360
13	6 37.9	6.6	+20 55	35	0.363
21	6 31.3	5.6	+21 30	33	0.370
29	6 25.7		+22 3		(0.515)

(540) Rosamunde 12.0 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. −11	7 2.9	8.3	+12 58	4	(0.335)
− 3	6 54.6	9.1	+12 54	— 3	0.074
5	6 45.5	8.7	+12 57	10	0.070
13	6 36.8	7.8	+13 7	17	0.072
21	6 29.0	6.0	+13 24	23	0.080
29	6 23.0		+13 47		(0.327)

(379) Huenna 12.8 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. −11	7h 1.0m	7.0	+20° 31′	9	(0.507)
− 3	6 54.0	7.2	+20 40	10	0.352
5	6 46.8	6.9	+20 50	9	0.354
13	6 39.9	6.2	+20 59	9	0.360
21	6 33.7	5.2	+21 8	8	0.369
29	6 28.5		+21 16		(0.516)

(98) Ianthe 11.9 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. −11	7 11.3	10.3	+48 12	19	(0.368)
− 3	7 1.0	11.1	+48 31	—	0.145
5	6 49.9	10.8	+48 31	23	0.140
13	6 39.1	9.4	+48 8	46	0.141
21	6 29.7	7.2	+47 22	63	0.147
29	6 22.5		+46 19		(0.356)

(650) Amalasuntha 14.1 1907

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. −11	7 11.6	8.2	+18 25	5	(0.345)
− 3	7 3.4	8.8	+18 30	8	0.098
5	6 54.6	8.3	+18 38	10	0.101
13	6 46.3	7.1	+18 48	11	0.110
21	6 39.2	5.6	+18 59	11	0.125
29	6 33.6		+19 10		(0.360)

(726) [1911 *NM*] 12.7 1912

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. −11	7 13.8	8.2	+ 8 9	52	(0.329)
− 3	7 5.6	8.7	+ 7 17	39	0.073
5	6 56.9	8.3	+ 6 38	26	0.074
13	6 48.6	7.3	+ 6 12	12	0.081
21	6 41.3	5.6	+ 6 0	0	0.093
29	6 35.7		+ 6 0		(0.338)

(387) Aquitania 11.0 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. −11	7 12.4	6.9	+10 56	28	(0.530)
− 3	7 5.5	7.2	+11 24	34	0.386
5	6 58.3	7.2	+11 58	39	0.384
13	6 51.1	6.8	+12 37	42	0.385
21	6 44.3	6.0	+13 19	43	0.390
29	6 38.3		+14 2		(0.530)

(682) Hagar 15.7 1907

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. − 3	7 11.8	7.3	+ 5 41	8	(0.489)
5	7 4.5	7.4	+ 5 49	17	0.328
13	6 57.1	6.8	+ 6 6	24	0.330
21	6 50.3	6.0	+ 6 30	30	0.335
29	6 44.3	4.8	+ 7 0	34	0.343
Febr. 6	6 39.5		+ 7 34		(0.490)

Die Jahreszahl gibt das Jahr der letzten mit Sicherheit identifizierten Beobachtung an.

Ein * neben der Nummer des Planeten deutet an, daß bei der Berechnung der Ephemeride aus den vorangehenden Elementen die Störungen berücksichtigt sind.

(541) Deborah 13.2 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7h 17.9m	7.6	+19° 50'	2	(0.467)
5	7	7 10.3	7.7	+19 48	1	0.289
13		7 2.6	7.3	+19 47	0	0.289
21		6 55.3	6.4	+19 47	2	0.294
29		6 48.9	5.0	+19 45	1	0.303
Febr. 6		6 43.9		+19 44		(0.465)

(467) Laura 13.9 1901

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7 19.6	8.0	+28 47	1	(0.432)
5	7	7 11.6	8.1	+28 48	— 5	0.238
13		7 3.5	7.5	+28 43	10	0.241
21		6 56.0	6.4	+28 33	16	0.249
29		6 49.6	4.7	+28 17	19	0.260
Febr. 6		6 44.9		+27 58		(0.437)

(669) Kypria 14.3 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7 18.9	6.5	+ 8 8	14	(0.522)
5	7	7 12.4	6.5	+ 8 22	21	0.374
13		7 5.9	6.4	+ 8 43	27	0.374
21		6 59.5	5.6	+ 9 10	31	0.377
29		6 53.9	4.7	+ 9 41	34	0.384
Febr. 6		6 49.2		+10 15		(0.521)

(204) Kallisto 12.7 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7 23.1	7.2	+10 5	4	(0.484)
5	7	7 15.9	7.5	+10 9	11	0.317
13		7 8.4	7.3	+10 20	17	0.316
21		7 1.1	6.5	+10 37	20	0.318
29		6 54.6	5.3	+10 57	24	0.325
Febr. 6		6 49.3		+11 21		(0.479)

(514) Armida 12.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7 24.1	7.2	+20 34	5	(0.482)
5	8	7 16.9	7.2	+20 39	4	0.313
13		7 9.7	7.0	+20 43	4	0.314
21		7 2.7	6.1	+20 47	3	0.320
29		6 56.6	4.9	+20 50	2	0.329
Febr. 6		6 51.7		+20 52		(0.485)

(194) Prokne 11.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7 30.2	7.2	+ 0 42	26	(0.489)
5	9	7 23.0	7.2	+ 1 8	38	0.334
13		7 15.8	7.0	+ 1 46	47	0.335
21		7 8.8	6.4	+ 2 33	54	0.340
29		7 2.4	5.4	+ 3 27	59	0.348
Febr. 6		6 57.0		+ 4 26		(0.496)

(635) Vundtia 12.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7h 33.8m	6.3	+ 5° 58'	11	(0.481)
5	10	7 27.5	6.5	+ 6 9	19	0.318
13		7 21.0	6.3	+ 6 28	27	0.318
21		7 14.7	5.7	+ 6 55	34	0.322
29		7 9.0	4.7	+ 7 29	37	0.329
Febr. 6		7 4.3		+ 8 6		(0.485)

(77) Frigga 10.6 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7 37.7	8.0	+25 35	19	(0.380)
5	10	7 29.7	8.4	+25 54	13	0.156
13		7 21.3	8.0	+26 7	8	0.158
21		7 13.3	7.0	+26 15	2	0.165
29		7 6.3	5.2	+26 17	— 3	0.177
Febr. 6		7 1.1		+26 14		(0.388)

(316) Goberta 12.7 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7 36.3	6.8	+20 31	21	(0.448)
5	10	7 29.5	7.0	+20 52	21	0.264
13		7 22.5	6.7	+21 13	20	0.264
21		7 15.8	6.1	+21 33	17	0.269
29		7 9.7	4.9	+21 50	16	0.278
Febr. 6		7 4.8		+22 6		(0.453)

(383) Janina 12.8 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7 38.5	6.9	+22 28	23	(0.449)
5	10	7 31.6	7.3	+22 51	22	0.266
13		7 24.3	7.0	+23 13	20	0.268
21		7 17.3	6.3	+23 33	16	0.274
29		7 11.0	4.9	+23 49	12	0.284
Febr. 6		7 6.1		+24 1		(0.458)

(727) Nipponia 12.4 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7 41.2	7.3	+10 21	59	(0.383)
5	11	7 33.9	7.8	+11 20	68	0.162
13		7 26.1	7.6	+12 28	74	0.163
21		7 18.5	6.8	+13 42	74	0.167
29		7 11.7	5.4	+14 56	73	0.178
Febr. 6		7 6.3		+16 9		(0.390)

(238) Hypatia 11.6 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. −3		7 43.3	6.4	+ 3 14	10	(0.452)
5	12	7 36.9	6.8	+ 3 24	22	0.278
13		7 30.1	6.6	+ 3 46	32	0.277
21		7 23.5	6.2	+ 4 18	39	0.280
29		7 17.3	5.1	+ 4 57	46	0.287
Febr. 6		7 12.2		+ 5 43		(0.457)

(595) Polyxena 12.5 1914

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. −3		7h 49m.1	8.3	+46° 28′	32	(0.536)
5	12	7 40.8	9.0	+47 0	20	0.402
13		7 31.8	9.0	+47 20	6	0.402
21		7 22.8	8.2	+47 26	— 8	0.406
29		7 14.6	6.8	+47 18	20	0.412
Febr. 6		7 7.8		+46 58		(0.536)

(751) Faïna 11.4 1913

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. −3		7 51.6	8.9	+33 11	76	(0.392)
5	13	7 42.7	9.4	+34 27	65	0.181
13		7 33.3	9.2	+35 32	50	0.184
21		7 24.1	8.3	+36 22	35	0.193
29		7 15.8	6.7	+36 57	22	0.206
Febr. 6		7 9.1		+37 19		(0.404)

(34) Circe 11.0 1914

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. −3		7 49.7	7.0	+12 20	13	(0.392)
5	13	7 42.7	7.4	+12 33	20	0.175
13		7 35.3	7.4	+12 53	26	0.170
21		7 27.9	6.9	+13 19	29	0.170
29		7 21.0	5.8	+13 48	32	0.176
Febr. 6		7 15.2		+14 20		(0.387)

(438) Zeuxo 12.1 1913

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. −3		7 52.2	8.0	+30 50	39	(0.430)
5	13	7 44.2	8.8	+31 29	32	0.236
13		7 35.4	9.0	+32 1	24	0.234
21		7 26.4	8.3	+32 25	13	0.237
29		7 18.1	6.9	+32 38	3	0.244
Febr. 6		7 11.2		+32 41		(0.428)

(660) Crescentia 11.1 1914

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. −3		7 50.3	7.0	+ 4 5	28	(0.442)
5	13	7 43.3	7.4	+ 4 33	40	0.260
13		7 35.9	7.6	+ 5 13	50	0.255
21		7 28.3	7.1	+ 6 3	58	0.255
29		7 21.2	6.0	+ 7 1	62	0.259
Febr. 6		7 15.2		+ 8 3		(0.438)

(326) Tamara 12.2 1914

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. −3		8 4.6	12.3	+55 35	63	(0.435)
5	13	7 52.3	14.0	+56 38	39	0.268
13		7 38.3	14.1	+57 17	13	0.268
21		7 24.2	13.1	+57 30	— 13	0.271
29		7 11.1	10.8	+57 17	34	0.278
Febr. 6		7 0.3		+56 43		(0.430)

(86) Semele 12.1 1914

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. 5		7h 48m.2	7.3	+24° 0′	29	(0.463)
13	14	7 40.9	7.4	+24 29	26	0.287
21		7 33.5	6.7	+24 55	22	0.293
29		7 26.8	5.7	+25 17	16	0.303
Febr. 6		7 21.1	4.3	+25 33	11	0.316
14		7 16.8		+25 44		(0.476)

(578) Happelia 13.0 1914

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. 5		7 52.7	7.9	+29 44	23	(0.516)
13	15	7 44.8	8.0	+30 7	18	0.365
21		7 36.8	7.6	+30 25	11	0.363
29		7 29.2	6.9	+30 36	3	0.365
Febr. 6		7 22.3	5.4	+30 39	— 2	0.370
14		7 16.9		+30 37		(0.515)

(489) Comacina 12.4 1913

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. 5		7 51.2	6.2	+ 5 30	26	(0.489)
13	15	7 45.0	6.3	+ 5 56	35	0.326
21		7 38.7	6.1	+ 6 31	42	0.326
29		7 32.6	5.4	+ 7 13	46	0.329
Febr. 6		7 27.2	4.2	+ 7 59	49	0.336
14		7 23.0		+ 8 48		(0.487)

(517) Edith 12.6 1909

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. 5		7 55.1	7.2	+19 32	11	(0.450)
13	15	7 47.9	7.2	+19 43	10	0.266
21		7 40.7	6.8	+19 53	9	0.272
29		7 33.9	5.7	+20 2	7	0.279
Febr. 6		7 28.2	4.3	+20 9	5	0.291
14		7 23.9		+20 14		(0.460)

(731) [1912 *OQ*] 13.3 1914

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. 5		7 57.9	7.7	+34 29	33	(0.522)
13	16	7 50.2	7.9	+35 2	22	0.375
21		7 42.3	7.6	+35 24	13	0.378
29		7 34.7	6.7	+35 37	4	0.383
Febr. 6		7 28.0	5.4	+35 41	— 6	0.393
14		7 22.6		+35 35		(0.526)

(213) Lilaea 12.4 1914

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log r) log Δ
Jan. 5		8 0.0	7.2	+19 3	33	(0.497)
13	16	7 52.8	7.4	+19 36	33	0.333
21		7 45.4	7.2	+20 9	31	0.333
29		7 38.2	6.4	+20 40	29	0.337
Febr. 6		7 31.8	5.4	+21 9	26	0.344
14		7 26.4		+21 35		(0.494)

(249) Ilse 13.6 1907

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 5	8^h $6^m.1$	10.4	+31°58′	2	(0.366)
13	[16] 7 55.7	10.4	+32 0	9	0.137
21	7 45.3	9.6	+31 51	21	0.144
29	7 35.7	7.9	+31 30	30	0.156
Febr. 6	7 27.8	5.8	+31 0	37	0.174
14	7 22.0		+30 23		(0.384)

(226) Weringia 14.1 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 5	8 2.5	6.9	+12 19	42	(0.513)
13	[16] 7 55.6	7.1	+13 1	47	0.358
21	7 48.5	7.0	+13 48	49	0.357
29	7 41.5	6.4	+14 37	49	0.360
Febr. 6	7 35.1	5.4	+15 26	47	0.366
14	7 29.7		+16 13		(0.510)

(542) Susanna 12.9 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 5	8 10.9	6.5	+ 9 7	36	(0.476)
13	[18] 8 4.4	6.8	+ 9 43	43	0.309
21	7 57.6	6.7	+10 26	46	0.309
29	7 50.9	6.0	+11 12	49	0.314
Febr. 6	7 44.9	5.0	+12 1	49	0.322
14	7 39.9		+12 50		(0.483)

(700) Auravictrix 12.9 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 5	8 18.1	8.1	+23 21	61	(0.337)
13	8 10.0	9.0	+24 22	60	0.073
21	[19] 8 1.0	9.1	+25 22	52	0.069
29	7 51.9	8.1	+26 14	43	0.070
Febr. 6	7 43.8	6.6	+26 57	31	0.078
14	7 37.2		+27 28		(0.327)

(380) Fiducia 13.1 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8 16.2	7.7	+23 26	38	(0.465)
21	[21] 8 8.5	7.7	+24 4	34	0.288
29	8 0.8	7.1	+24 38	28	0.292
Febr. 6	7 53.7	6.1	+25 6	22	0.300
14	7 47.6	4.7	+25 28	15	0.311
22	7 42.9		+25 43		(0.469)

(143) Adria 12.5 1909

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8 22.9	8.8	+30 11	4	(0.447)
21	[22] 8 14.1	8.8	+30 15	4	0.260
29	8 5.3	8.2	+30 11	13	0.265
Febr. 6	7 57.1	7.0	+29 58	22	0.267
14	7 50.1	5.3	+29 36	29	0.277
22	7 44.8		+29 7		(0.443)

(291) Alice 13.0 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8^h $25^m.5$	8.4	+16°47′	35	(0.305)
21	[22] 8 17.1	8.5	+17 22	36	0.015
29	8 8.6	7.8	+17 58	35	0.016
Febr. 6	8 0.8	6.3	+18 33	31	0.024
14	7 54.5	4.2	+19 4	26	0.038
22	7 50.3		+19 30		(0.305)

(760) [1913 *SL*] 10.8 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8 27.1	8.5	+31 34	5	(0.414)
21	[22] 8 18.6	8.7	+31 29	14	0.206
29	8 9.9	8.0	+31 15	26	0.205
Febr. 6	8 1.9	6.9	+30 49	35	0.208
14	7 55.0	5.2	+30 14	42	0.216
22	7 49.8		+29 32		(0.403)

(453) Tea 12.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8 34.5	9.7	+28 24	32	(0.351)
21	8 24.8	10.1	+28 56	22	0.100
29	[23] 8 14.7	9.7	+29 18	10	0.098
Febr. 6	8 5.0	8.2	+29 28	3	0.103
14	7 56.8	6.2	+29 25	15	0.113
22	7 50.6		+29 10		(0.341)

(606) Brangäne 13.0 1910

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8 35.2	9.0	+23 16	7	(0.418)
21	8 26.2	9.0	+23 23	3	0.218
29	[24] 8 17.2	8.2	+23 26	3	0.224
Febr. 6	8 9.0	7.1	+23 23	8	0.234
14	8 1.9	5.5	+23 15	13	0.249
22	7 56.4		+23 2		(0.432)

(198) Ampella 11.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8 35.7	8.4	+10 13	6	(0.431)
21	8 27.3	8.4	+10 19	11	0.241
29	[24] 8 18.9	8.0	+10 30	15	0.244
Febr. 6	8 10.9	7.0	+10 45	17	0.252
14	8 3.9	5.6	+11 2	17	0.264
22	7 58.3		+11 19		(0.443)

(710) Gertrud 14.3 1911

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8 37.7	6.5	+17 45	26	(0.511)
21	8 31.2	6.7	+18 11	26	0.353
29	[25] 8 24.5	6.6	+18 37	27	0.351
Febr. 6	8 17.9	6.0	+19 4	23	0.353
14	8 11.9	5.0	+19 27	21	0.358
22	8 6.9		+19 48		(0.505)

(474) Prudentia 14.0 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8h 39.8m	7.1	+10° 7′	36	(0.469)
21	8 32.7	7.6	+10 43	42	0.295
29	[25]8 25.1	7.5	+11 25	46	0.294
Febr. 6	8 17.6	6.8	+12 11	47	0.298
14	8 10.8	5.7	+12 58	45	0.306
22	8 5.1		+13 43		(0.471)

(554) Peraga 10.3 1911

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8 44.5	8.5	+17 34	17	(0.334)
21	8 36.0	8.7	+17 51	17	0.075
29	[26]8 27.3	8.2	+18 8	15	0.078
Febr. 6	8 19.1	7.0	+18 23	11	0.088
14	8 12.1	5.2	+18 34	8	0.103
22	8 6.9		+18 42		(0.346)

(171) Ophelia 11.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8 43.8	6.4	+19 37	32	(0.448)
21	8 37.4	6.8	+20 9	31	0.260
29	[26]8 30.6	6.7	+20 40	29	0.258
Febr. 6	8 23.9	6.0	+21 9	25	0.261
14	8 17.9	4.9	+21 34	19	0.268
22	8 13.0		+21 53		(0.445)

(306) Unitas 11.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8 50.0	7.5	+14 14	47	(0.433)
21	8 42.5	8.0	+15 1	48	0.240
29	[27]8 34.5	8.0	+15 49	49	0.233
Febr. 6	8 26.5	7.3	+16 38	47	0.241
14	8 19.2	6.1	+17 25	42	0.249
22	8 13.1		+18 7		(0.433)

(382) Dodona 12.1 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 13	8 55.9	6.7	+19 27	12	(0.491)
21	8 49.2	7.2	+19 39	11	0.323
29	[28]8 42.0	7.3	+19 50	10	0.319
Febr. 6	8 34.7	6.9	+20 0	6	0.318
14	8 27.8	6.0	+20 6	2	0.322
22	8 21.8		+20 8		(0.481)

(633) Zelima 13.5 1909

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	8 51.1	6.1	+12 15	42	(0.521)
29	8 45.0	6.4	+12 57	46	0.369
Febr. 6	[20]8 38.6	5.9	+13 43	45	0.370
14	8 32.7	5.3	+14 28	43	0.376
22	8 27.4	4.1	+15 11	39	0.384
März 1	8 23.3		+15 50		(0.522)

(592) Bathseba 12.6 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	8h 52.6m	6.1	+ 7° 14′	44	(0.457)
29	8 46.5	6.4	+ 7 58	49	0.278
Febr. 6	[29]8 40.1	6.0	+ 8 47	51	0.280
14	8 34.1	5.0	+ 9 38	53	0.287
22	8 29.1	3.8	+10 31	48	0.298
März 1	8 25.3		+11 19		(0.464)

(440) Theodora 12.4 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	8 59.5	8.6	+16 18	24	(0.297)
29	8 50.9	8.6	+16 42	25	0.000
Febr. 6	[30]8 42.3	7.8	+17 7	22	0.004
14	8 34.5	6.3	+17 29	16	0.014
22	8 28.2	4.0	+17 45	10	0.030
März 1	8 24.2		+17 55		(0.302)

(399) Persephone 12.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	8 59.3	8.2	+30 58	8	(0.463)
29	8 51.1	8.2	+31 6	−2	0.286
Febr. 6	[30]8 42.9	7.8	+31 4	11	0.287
14	8 35.1	6.6	+30 53	22	0.293
22	8 28.5	5.2	+30 31	31	0.302
März 1	8 23.3		+30 0		(0.460)

(87) Sylvia 12.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	8 57.8	6.3	+29 10	35	(0.574)
29	8 51.5	6.3	+29 45	30	0.446
Febr. 6	[30]8 45.2	6.0	+30 15	22	0.448
14	8 39.2	5.3	+30 37	15	0.454
22	8 33.9	4.5	+30 52	7	0.462
März 1	8 29.4		+30 59		(0.576)

(434) Hungaria 12.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 2.0	8.2	−12 23	62	(0.319)
29	8 53.8	8.5	−11 21	107	0.068
Febr. 6	[31]8 45.3	8.1	− 9 34	132	0.061
14	8 37.2	6.9	− 7 22	147	0.061
22	8 30.3	5.0	− 4 55	155	0.067
März 1	8 25.3		− 2 20		(0.317)

(479) Caprera 12.6 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 3.0	7.2	+14 48	60	(0.404)
29	8 55.8	7.3	+15 48	59	0.196
Febr. 6	[31]8 48.5	6.6	+16 47	56	0.202
14	8 41.9	5.7	+17 43	49	0.213
22	8 36.2	4.2	+18 32	41	0.227
März 1	8 32.0		+19 13		(0.420)

(262) Valda 13.4 1900

1916	α_{1925} (h m)		δ_{1925}		(log r) log Δ
Jan. 21	9 4.9	8.8	+30° 58′	36	(0.349)
29	[31] 8 56.1	8.8	+31 34	21	0.107
Febr. 6	8 47.3	8.0	+31 55	6	0.116
14	8 39.3	6.4	+32 1	— 9	0.130
22	8 32.9	4.3	+31 52	22	0.148
März 1	8 28.6		+31 30		(0.366)

(215) Oenone 12.9 1914

1916	α_{1925} (h m)		δ_{1925}		(log r) log Δ
Jan. 21	9 17.5	7.0	+18° 24′	32	(0.455)
29	[3] 9 10.5	7.4	+18 56	30	0.272
Febr. 6	9 3.1	7.2	+19 26	27	0.272
14	8 55.9	6.4	+19 53	22	0.276
22	8 49.5	5.4	+20 15	15	0.284
März 1	8 44.1		+20 30		(0.456)

(491) Carina 12.6 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 2.0	5.7	− 2 36	42	(0.503)
29	[31] 8 56.3	5.9	− 1 54	54	0.352
Febr. 6	8 50.4	5.6	− 1 0	61	0.351
14	8 44.8	4.9	+ 0 1	66	0.353
22	8 39.9	4.0	+ 1 7	69	0.360
März 1	8 35.9		+ 2 16		(0.506)

(500) Selinur 12.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 20.8	7.6	+ 9 34	7	(0.451)
29	[4] 9 13.2	8.0	+ 9 41	12	0.269
Febr. 6	9 5.2	7.7	+ 9 53	15	0.269
14	8 57.5	7.1	+10 8	15	0.274
22	8 50.4	5.9	+10 23	15	0.282
März 1	8 44.5		+10 38		(0.457)

(713) [1911 *LS*] 13.4 1914/15

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 2.0	5.7	+ 2 48	19	(0.577)
29	[31] 8 56.3	5.7	+ 3 7	25	0.451
Febr. 6	8 50.6	5.5	+ 3 32	29	0.451
14	8 45.1	5.0	+ 4 1	33	0.454
22	8 40.1	4.2	+ 4 34	34	0.460
März 1	8 35.9		+ 5 8		(0.581)

(376) Geometria 12.1 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 28.7	8.1	+13 15	17	(0.390)
29	[5] 9 20.6	8.9	+13 32	20	0.166
Febr. 6	9 11.7	9.0	+13 52	21	0.160
14	9 2.7	8.3	+14 13	19	0.159
22	8 54.4	7.1	+14 32	16	0.163
März 1	8 47.3		+14 48		(0.378)

(749) Malzovia 14.2 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 9.4	8.4	+19 30	60	(0.362)
29	[1] 9 1.0	8.7	+20 30	58	0.114
Febr. 6	8 52.3	8.7	+21 28	52	0.110
14	8 43.6	7.7	+22 20	43	0.112
22	8 35.9	5.9	+23 3	31	0.119
März 1	8 30.0		+23 34		(0.347)

(264) Libussa 12.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 27.7	7.6	+31 19	45	(0.452)
29	[5] 9 20.1	8.1	+32 4	35	0.275
Febr. 6	9 12.0	7.9	+32 39	22	0.277
14	9 4.1	7.1	+33 1	9	0.285
22	8 57.0	5.9	+33 10	— 3	0.295
März 1	8 51.1		+33 7		(0.460)

(361) Bononia 12.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 7.7	6.8	+34 38	20	(0.506)
29	[1] 9 0.9	6.9	+34 58	10	0.354
Febr. 6	8 54.0	6.6	+35 8	—	0.358
14	8 47.4	5.7	+35 8	12	0.365
22	8 41.7	4.5	+34 56	21	0.375
März 1	8 37.2		+34 35		(0.512)

(709) [1911 *LK*] 12.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 29.5	7.1	+20 3	6	(0.506)
29	[6] 9 22.4	8.0	+20 9	4	0.348
Febr. 6	9 14.4	7.8	+20 13	—	0.348
14	9 6.6	7.3	+20 13	5	0.351
22	8 59.3	6.3	+20 8	9	0.358
März 1	8 53.0		+19 59		(0.508)

(646) Kastalia 15.6 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 18.7	8.3	+13 59	20	(0.438)
29	[3] 9 10.4	8.8	+14 19	21	0.247
Febr. 6	9 1.6	8.4	+14 40	19	0.249
14	8 53.2	7.7	+14 59	17	0.254
22	8 45.5	6.4	+15 16	13	0.264
März 1	8 39.1		+15 29		(0.444)

(490) Veritas 12.6 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 21.4	5.9	+ 6 16	38	(0.524)
Febr. 6	[6] 9 15.5	5.9	+ 6 54	43	0.374
14	9 9.6	5.6	+ 7 37	44	0.376
22	9 4.0	4.8	+ 8 21	44	0.381
März 1	8 59.2	3.8	+ 9 5	41	0.389
9	8 55.4		+ 9 46		(0.527)

(769) [1913 *TA*] 13.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	$9^h\ 28^m.7$	6.2	+25° 37′	34	(0.559)
29	9 22.5	6.7	+26 11	30	0.423
Febr. 6	9 15.8	6.8	+26 41	24	0.421
14	9 9.0	6.3	+27 5	17	0.423
22	9 2.7	5.6	+27 22	10	0.427
März 1	8 57.1		+27 32		(0.555)

(758) Mancunia 11.1 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 21	9 30.7	6.0	+18 27	42	(0.492)
29	9 24.7	6.3	+19 9	41	0.330
Febr. 6	9 18.4	6.3	+19 50	38	0.330
14	9 12.1	5.9	+20 28	33	0.334
22	9 6.2	5.0	+21 1	24	0.342
März 1	9 1.2		+21 25		(0.498)

(168) Sibylla 11.8 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 25.5	5.8	+ 8 45	29	(0.539)
Febr. 6	9 19.7	5.8	+ 9 14	31	0.396
14	9 13.9	5.5	+ 9 45	32	0.397
22	9 8.4	4.9	+10 17	31	0.402
März 1	9 3.5	3.9	+10 48	28	0.410
9	8 59.6		+11 16		(0.543)

(513) Centesima 12.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 25.9	6.1	+ 4 21	40	(0.484)
Febr. 6	9 19.8	6.2	+ 5 1	46	0.318
14	9 13.6	5.8	+ 5 47	49	0.320
22	9 7.8	5.0	+ 6 36	49	0.325
März 1	9 2.8	4.1	+ 7 25	47	0.334
9	8 58.7		+ 8 12		(0.489)

(51) Nemausa 9.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 27.7	7.1	+ 3 15	61	(0.350)
Febr. 6	9 20.6	7.2	+ 4 16	72	0.100
14	9 13.4	6.7	+ 5 28	78	0.098
22	9 6.7	5.6	+ 6 46	78	0.102
März 1	9 1.1	3.9	+ 8 4	75	0.112
9	8 57.2		+ 9 19		(0.347)

(688) Melanie 14.2 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 27.1	6.5	+ 6 19	47	(0.486)
Febr. 6	9 20.6	6.6	+ 7 6	52	0.318
14	9 14.0	6.5	+ 7 58	53	0.318
22	9 7.5	5.6	+ 8 51	52	0.322
März 1	9 1.9	4.5	+ 9 43	50	0.330
9	8 57.4		+10 33		(0.484)

(753) Tiflis 14.0 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	$9^h\ 29^m.9$	9.2	+31° 2′	55	(0.411)
Febr. 6	9 20.7	9.4	+31 57	41	0.204
14	9 11.3	8.9	+32 38	27	0.204
22	9 2.4	7.9	+33 5	10	0.209
März 1	8 54.5	5.9	+33 15	−6	0.217
9	8 48.6		+33 9		(0.397)

(322) Phaeo 13.0 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 30.1	6.9	+ 3 49	23	(0.499)
Febr. 6	9 23.2	7.0	+ 4 12	29	0.342
14	9 16.2	6.5	+ 4 41	32	0.345
22	9 9.7	5.8	+ 5 13	34	0.352
März 1	9 3.9	4.8	+ 5 47	33	0.361
9	8 59.1		+ 6 20		(0.509)

(696) Leonora 13.2 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 32.8	7.0	+ 9 23	6	(0.498)
Febr. 6	9 25.8	7.3	+ 9 29	9	0.339
14	9 18.5	6.7	+ 9 38	10	0.343
22	9 11.8	5.8	+ 9 48	9	0.351
März 1	9 6.0	4.7	+ 9 57	8	0.362
9	9 1.3		+10 5		(0.510)

(722) Frieda 14.3 1911/12

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 38.2	9.2	+23 52	48	(0.391)
Febr. 6	9 29.0	9.3	+24 40	38	0.170
14	9 19.7	8.9	+25 18	27	0.171
22	9 10.8	7.7	+25 45	14	0.177
März 1	9 3.1	6.1	+25 59	3	0.189
9	8 57.0		+26 2		(0.387)

(107) Camilla 10.9 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 36.9	5.4	+ 5 26	39	(0.515)
Febr. 6	9 31.5	5.5	+ 6 5	44	0.362
14	9 26.0	5.3	+ 6 49	47	0.362
22	9 20.7	4.8	+ 7 36	47	0.365
März 1	9 15.9	3.9	+ 8 23	44	0.372
9	9 12.0		+ 9 7		(0.517)

(616) Elly 12.4 1910

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 43.9	9.8	+31 49	5	(0.382)
Febr. 6	9 34.1	9.9	+31 54	−10	0.161
14	9 24.2	9.3	+31 44	25	0.165
22	9 14.9	7.9	+31 19	38	0.173
März 1	9 7.0	5.7	+30 41	53	0.185
9	9 1.3		+29 48		(0.385)

(309) Fraternitas 13.1 1891

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9h 43m.9	7.4	+17° 45′	31	(0.455)
Febr. 6	[10] 9 36.5	7.7	+18 16	28	0.272
14	9 28.8	7.4	+18 44	24	0.273
22	9 21.4	6.7	+19 8	18	0.278
März 1	9 14.7	5.4	+19 26	10	0.287
9	9 9.3		+19 36		(0.456)

(525) Adelaide 13.1 1904

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 44.2	6.6	+14 43	42	(0.462)
Febr. 6	[10] 9 37.6	6.8	+15 25	41	0.288
14	9 30.8	6.3	+16 6	37	0.295
22	9 24.5	5.5	+16 43	31	0.306
März 1	9 19.0	4.3	+17 14	23	0.319
9	9 14.7		+17 37		(0.484)

*(**101**) Helena 11.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 47.6	8.1	+20 36	21	(0.468)
Febr. 6	[10] 9 39.5	8.1	+20 57	17	0.293
14	9 31.4	8.0	+21 14	10	0.293
22	9 23.4	7.2	+21 24	3	0.298
März 1	9 16.2	6.0	+21 27	−4	0.307
9	9 10.2		+21 23		(0.469)

(797) [1914 VH] 12.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 47.6	6.9	+ 5 49	27	(0.404)
Febr. 6	[11] 9 40.7	7.4	+ 6 16	34	0.191
14	9 33.3	7.4	+ 6 50	38	0.188
22	9 25.9	6.6	+ 7 28	39	0.190
März 1	9 19.3	5.3	+ 8 7	37	0.196
9	9 14.0		+ 8 44		(0.400)

(640) Brambilla 13.2 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 46.5	5.8	− 6 20	13	(0.513)
Febr. 6	[11] 9 40.7	6.0	− 6 7	24	0.365
14	9 34.7	6.0	− 5 43	33	0.361
22	9 28.7	5.6	− 5 10	40	0.360
März 1	9 23.1	4.8	− 4 30	45	0.363
9	9 18.3		− 3 45		(0.509)

(96) Aegle 10.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 52.2	7.7	+14 41	12	(0.428)
Febr. 6	[12] 9 44.5	8.2	+14 29	11	0.229
14	9 36.3	8.0	+14 18	14	0.227
22	9 28.3	7.3	+14 4	17	0.229
März 1	9 21.0	6.1	+13 47	19	0.236
9	9 14.9		+13 28		(0.425)

(428) Monachia 13.7 1897

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9h 54m.2	8.9	+22° 33′	36	(0.371)
Febr. 6	[12] 9 45.3	9.2	+23 9	28	0.142
14	9 36.1	8.8	+23 37	18	0.147
22	9 27.3	7.6	+23 55	6	0.158
März 1	9 19.7	6.0	+24 1	−5	0.173
9	9 13.7		+23 56		(0.385)

(152) Atala 12.0 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 53.5	7.0	+31 56	37	(0.475)
Febr. 6	[12] 9 46.5	7.4	+32 33	26	0.310
14	9 39.1	7.2	+32 59	13	0.312
22	9 31.9	6.5	+33 12	1	0.318
März 1	9 25.4	5.3	+33 13	−13	0.327
9	9 20.1		+33 0		(0.479)

(192) Nausikaa 10.0 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 56.5	8.5	+17 19	28	(0.424)
Febr. 6	[12] 9 48.0	8.8	+17 47	25	0.229
14	9 39.2	8.5	+18 12	20	0.232
22	9 30.7	7.6	+18 32	13	0.240
März 1	9 23.1	6.2	+18 45	5	0.253
9	9 16.9		+18 50		(0.438)

(365) Corduba 12.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 52.7	6.1	− 0 57	46	(0.453)
Febr. 6	[12] 9 46.6	6.4	− 0 11	56	0.277
14	9 40.2	6.3	+ 0 45	63	0.276
22	9 33.9	5.7	+ 1 48	66	0.280
März 1	9 28.2	4.8	+ 2 54	65	0.288
9	9 23.4		+ 3 59		(0.462)

(634) Ute 13.9 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	9 52.4	5.8	+14 54	53	(0.546)
Febr. 6	[12] 9 46.6	6.1	+15 47	51	0.405
14	9 40.5	6.1	+16 38	49	0.405
22	9 34.4	5.6	+17 27	44	0.409
März 1	9 28.8	4.8	+18 11	37	0.415
9	9 24.0		+18 48		(0.550)

(82) Alkmene 9.8 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29	10 1.0	6.3	+17 15	32	(0.333)
Febr. 6	[14] 9 54.7	7.0	+17 47	30	0.065
14	9 47.7	7.0	+18 17	24	0.064
22	9 40.7	6.2	+18 41	16	0.069
März 1	9 34.5	4.8	+18 57	5	0.080
9	9 29.7		+19 2		(0.333)

(671) Carnegia 12.9 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29		9ʰ 59ᵐ.9	6.8	+20° 48′	25	(0.473)
Febr. 6	14	9 53.1	7.0	+21 13	20	0.301
14		9 46.1	7.1	+21 33	14	0.300
22		9 39.0	6.4	+21 47	7	0.304
März 1		9 32.6	5.6	+21 54	0	0.312
9		9 27.0		+21 54		(0.476)

(590) Tomyris 13.0 1911

1916		α_{1925}		δ_{1925}		(log r) log Δ
Jan. 29		10 0.3	6.0	+21 47	62	(0.463)
Febr. 6	14	9 54.3	6.6	+22 49	58	0.286
14		9 47.7	6.5	+23 47	50	0.286
22		9 41.2	6.0	+24 37	40	0.291
März 1		9 35.2	4.9	+25 17	28	0.300
9		9 30.3		+25 45		(0.466)

(42) Isis 11.6 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 6		9 58.9	7.8	+23 42	52	(0.475)
14	14	9 51.1	7.9	+24 34	43	0.303
22		9 43.2	7.5	+25 17	33	0.306
März 1		9 35.7	6.4	+25 50	21	0.313
9		9 29.3	5.1	+26 11	10	0.323
17		9 24.2		+26 21		(0.473)

(643) Scheherezade 13.7 1908

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 6		9 58.4	5.9	−7 37	13	(0.506)
14	15	9 52.5	6.0	−7 24	23	0.356
22		9 46.5	5.8	−7 1	32	0.355
März 1		9 40.7	5.0	−6 29	38	0.358
9		9 35.7	4.0	−5 51	41	0.365
17		9 31.7		−5 10		(0.510)

(314) Rosalia 14.8 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 6		9 59.1	5.6	+4 34	46	(0.558)
14	15	9 53.5	5.7	+5 20	49	0.420
22		9 47.8	5.4	+6 9	50	0.422
März 1		9 42.4	4.8	+6 59	49	0.427
9		9 37.6	3.9	+7 48	46	0.434
17		9 33.7		+8 34		(0.562)

(92) Undina 11.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 6		10 2.0	6.0	+21 31	47	(0.543)
14	15	9 56.0	6.2	+22 18	41	0.400
22		9 49.8	5.8	+22 59	34	0.402
März 1		9 44.0	5.2	+23 33	27	0.407
9		9 38.8	4.3	+24 0	17	0.415
17		9 34.5		+24 17		(0.543)

(798) [1914 *VT*] 13.0 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 6		10ʰ 6ᵐ.6	5.9	−1° 24′	33	(0.486)
14	16	10 0.7	6.1	−0 51	41	0.320
22		9 54.6	6.0	−0 10	46	0.318
März 1		9 48.6	5.3	+0 36	50	0.320
9		9 43.3	4.2	+1 26	49	0.325
17		9 39.1		+2 15		(0.484)

(236) Honoria 12.2 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 6		10 7.8	6.3	+4 11	43	(0.509)
14	17	10 1.5	6.4	+4 54	47	0.353
22		9 55.1	6.2	+5 41	48	0.354
März 1		9 48.9	5.5	+6 29	48	0.358
9		9 43.4	4.5	+7 17	44	0.366
17		9 38.9		+8 1		(0.514)

(134) Sophrosyne 10.9 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 6		10 12.9	8.8	+19 4	9	(0.390)
14	17	10 4.1	8.9	+19 13	2	0.171
22		9 55.2	8.3	+19 15	−5	0.175
März 1		9 46.9	7.2	+19 10	−13	0.184
9		9 39.7	5.4	+18 57	−22	0.198
17		9 34.3		+18 35		(0.399)

(122) Gerda 11.2 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 6		10 11.7	5.9	+9 51	34	(0.489)
14	18	10 5.8	6.1	+10 25	37	0.322
22		9 59.7	5.9	+11 2	36	0.321
März 1		9 53.8	5.3	+11 38	32	0.324
9		9 48.5	4.4	+12 10	27	0.330
17		9 44.1		+12 37		(0.487)

(36) Atalante 11.8 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 6		10 27.7	9.8	+28 36	7	(0.417)
14	20	10 17.9	9.9	+28 43	−5	0.225
22		10 8.0	9.4	+28 38	−19	0.233
März 1		9 58.6	8.1	+28 19	−32	0.245
9		9 50.5	6.5	+27 47	−42	0.260
17		9 44.0		+27 5		(0.438)

(414) Liriope 13.3 1914/15

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 6		10 22.2	5.4	+18 16	49	(0.537)
14	20	10 16.8	5.7	+19 5	46	0.394
22		10 11.1	5.5	+19 51	40	0.395
März 1		10 5.6	5.2	+20 31	32	0.400
9		10 0.4	4.3	+21 3	24	0.407
17		9 56.1		+21 27		(0.542)

(224) Oceana 11.8 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 6		10h 28.1m	7.0	+13° 50′	29	(0.432)
14		10 21.1	7.7	+14 19	28	0.235
22	21	10 13.4	7.6	+14 47	25	0.233
März 1		10 5.8	6.9	+15 12	19	0.236
9		9 58.9	5.9	+15 31	10	0.243
17		9 53.0		+15 41		(0.429)

(492) Gismonda 14.0 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 24.7	6.0	+12 17	34	(0.564)
22	22	10 18.7	6.0	+12 51	33	0.427
März 1		10 12.7	5.7	+13 24	29	0.429
9		10 7.0	5.0	+13 53	24	0.434
17		10 2.0	4.2	+14 17	18	0.442
25		9 57.8		+14 35		(0.564)

(561) Ingwelde 13.3 1905

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 26.3	6.1	+ 9 23	39	(0.451)
22	22	10 20.2	6.1	+10 2	40	0.267
März 1		10 14.1	5.6	+10 42	36	0.270
9		10 8.5	4.7	+11 18	30	0.278
17		10 3.8	3.5	+11 48	23	0.290
25		10 0.3		+12 11		(0.459)

(300) Geraldina 12.7 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 27.5	6.0	+10 48	34	(0.524)
22	22	10 21.5	6.0	+11 22	33	0.372
März 1		10 15.5	5.7	+11 55	30	0.374
9		10 9.8	5.0	+12 25	26	0.378
17		10 4.8	4.0	+12 51	19	0.386
25		10 0.8		+13 10		(0.524)

(356) Liguria 10.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 31.7	8.2	+15 46	19	(0.394)
22	23	10 23.5	8.0	+16 5	12	0.180
März 1		10 15.5	7.2	+16 17	5	0.188
9		10 8.3	6.0	+16 22	—3	0.202
17		10 2.3	4.3	+16 19	12	0.219
25		9 58.0		+16 7		(0.412)

(364) Isara 11.7 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 34.5	8.2	+17 12	67	(0.341)
22	23	10 26.3	8.1	+18 19	58	0.087
März 1		10 18.2	7.3	+19 17	44	0.095
9		10 10.9	6.0	+20 1	29	0.109
17		10 4.9	4.1	+20 30	13	0.127
25		10 0.8		+20 43		(0.354)

(475) Ocllo 15.0 1908

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10h 36.1m	8.3	+34° 55′	32	(0.548)
22	24	10 27.8	8.4	+35 27	19	0.418
März 1		10 19.4	7.9	+35 46	5	0.423
9		10 11.5	7.1	+35 51	—9	0.431
17		10 4.4	5.9	+35 42	20	0.441
25		9 58.5		+35 22		(0.552)

(486) Cremona 13.0 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 36.1	7.5	+26 16	82	(0.337)
22	24	10 28.6	7.9	+27 38	67	0.077
März 1		10 20.7	7.4	+28 45	46	0.077
9		10 13.3	6.2	+29 31	24	0.083
17		10 7.1	4.4	+29 55	2	0.094
25		10 2.7		+29 57		(0.323)

(352) Gisela 12.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 39.3	8.1	+ 2 20	44	(0.369)
22	24	10 31.2	8.3	+ 3 4	50	0.136
März 1		10 22.9	7.7	+ 3 54	51	0.139
9		10 15.2	6.6	+ 4 45	48	0.148
17		10 8.6	5.0	+ 5 33	42	0.161
25		10 3.6		+ 6 15		(0.379)

(297) Caecilia 13.9 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 43.3	6.1	+ 7 47	23	(0.555)
22	26	10 37.2	6.3	+ 8 10	25	0.414
März 1		10 30.9	6.0	+ 8 35	23	0.414
9		10 24.9	5.6	+ 8 58	20	0.416
17		10 19.3	4.8	+ 9 18	17	0.422
25		10 14.5		+ 9 35		(0.553)

(455) Bruchsalia 12.9 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 44.7	7.2	+25 25	50	(0.529)
22	26	10 37.5	7.2	+26 15	39	0.385
März 1		10 30.3	7.0	+26 54	29	0.389
9		10 23.3	6.3	+27 23	17	0.395
17		10 17.0	5.3	+27 40	5	0.405
25		10 11.7		+27 45		(0.533)

(686) Gersuind 15.2 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 44.2	6.5	−15 27	21	(0.512)
22	26	10 37.7	6.9	−15 6	35	0.367
März 1		10 30.8	6.8	−14 31	46	0.363
9		10 24.0	6.2	−13 45	55	0.361
17		10 17.8	5.3	−12 50	61	0.364
25		10 12.5		−11 49		(0.508)

(431) Nephele 13.5 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10h 47.2m	5.7	+ 9° 23′	37	(0.567)
22	27	10 41.5	5.8	+10 0	37	0.431
März 1		10 35.7	5.8	+10 37	35	0.430
9		10 29.9	5.4	+11 12	32	0.433
17		10 24.5	4.6	+11 44	26	0.438
25		10 19.9		+12 10		(0.565)

(767) [1913 *SX*] 14.7 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 54.5	5.7	+10 26	37	(0.566)
22	28	10 48.8	5.9	+11 3	37	0.431
März 1		10 42.9	5.8	+11 40	34	0.430
9		10 37.1	5.5	+12 14	30	0.433
17		10 31.6	4.7	+12 44	24	0.438
25		10 26.9		+13 8		(0.566)

(528) Rezia 12.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 54.8	6.1	+25 56	37	(0.532)
22	29	10 48.7	6.5	+26 33	28	0.389
März 1		10 42.2	6.3	+27 1	18	0.390
9		10 35.9	5.7	+27 19	6	0.395
17		10 30.2	4.9	+27 25	−4	0.403
25		10 25.3		+27 21		(0.533)

(759) [1913 *SJ*] 14.8 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		10 59.8	7.5	− 5 53	−6	(0.488)
22	29	10 52.3	8.2	− 5 59	2	0.325
März 1		10 44.1	8.1	− 5 57	12	0.321
9		10 36.0	7.7	− 5 45	17	0.319
17		10 28.3	6.9	− 5 28	19	0.322
25		10 21.4		− 5 9		(0.487)

(343) Ostara 13.8 1903

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		11 3.9	7.4	+11 10	45	(0.395)
22	1	10 56.5	8.2	+11 55	43	0.180
März 1		10 48.3	7.9	+12 38	38	0.184
9		10 40.4	7.0	+13 16	29	0.193
17		10 33.4	5.8	+13 45	20	0.206
25		10 27.6		+14 5		(0.410)

(619) Triberga 12.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		11 2.0	6.0	− 4 32	61	(0.430)
22	1	10 56.0	6.5	− 3 31	72	0.238
März 1		10 49.5	6.4	− 2 19	78	0.234
9		10 43.1	5.9	− 1 1	81	0.235
17		10 37.2	5.1	+ 0 20	79	0.240
25		10 32.1		+ 1 39		(0.432)

(294) Felicia 14.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		11h 0.8m	5.3	+ 9° 35′	43	(0.581)
22	1	10 55.5	5.6	+10 18	43	0.451
März 1		10 49.9	5.7	+11 1	42	0.449
9		10 44.2	5.4	+11 43	38	0.449
17		10 38.8	4.8	+12 21	32	0.453
25		10 34.0		+12 53		(0.577)

(551) Ortrud 12.8 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		11 3.1	6.0	+ 6 26	38	(0.463)
22	1	10 57.1	6.4	+ 7 4	38	0.286
März 1		10 50.7	6.4	+ 7 42	38	0.286
9		10 44.3	6.0	+ 8 20	34	0.289
17		10 38.3	5.0	+ 8 54	28	0.298
25		10 33.3		+ 9 22		(0.470)

(762) [1913 *SQ*] 11.2 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 14		11 4.9	6.3	− 6 11	−5	(0.457)
22	1	10 58.6	6.8	− 6 16	5	0.282
März 1		10 51.8	6.9	− 6 11	14	0.279
9		10 44.9	6.5	− 5 57	20	0.279
17		10 38.4	5.6	− 5 37	23	0.284
25		10 32.8		− 5 14		(0.461)

(59) Elpis 11.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		10 59.6	6.3	+ 3 54	60	(0.469)
März 1	2	10 53.3	6.3	+ 4 54	60	0.293
9		10 47.0	5.9	+ 5 54	58	0.295
17		10 41.1	5.1	+ 6 52	53	0.301
25		10 36.0	4.0	+ 7 45	46	0.311
April 2		10 32.0		+ 8 31		(0.473)

(796) [1914 *VH*] 13.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		11 2.8	8.5	+31 31	27	(0.518)
März 1	2	10 54.3	8.3	+31 58	13	0.378
9		10 46.0	7.8	+32 11	−3	0.384
17		10 38.2	6.7	+32 8	16	0.394
25		10 31.5	5.4	+31 16	28	0.406
April 2		10 26.1		+31 28		(0.527)

(691) Lehigh 13.2 1914/5

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		11 4.8	6.4	+24 44	49	(0.509)
März 1	3	10 58.4	6.5	+25 33	37	0.357
9		10 51.9	6.1	+26 10	25	0.362
17		10 45.8	5.3	+26 35	13	0.370
25		10 40.5	4.3	+26 48	0	0.381
April 2		10 36.2		+26 48		(0.513)

(464) Megaira 13.3 1901

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		11ʰ 9.2ᵐ	6.3	+18° 51'	51	(0.544)
März 1	4	11 2.9	6.5	+19 42	44	0.404
9		10 56.4	6.1	+20 26	35	0.407
17		10 50.3	5.5	+21 1	25	0.413
25		10 44.8	4.7	+21 26	15	0.422
April 2		10 40.1		+21 41		(0.547)

(177) Irma 13.3 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		11 16.5	6.5	+ 4 55	39	(0.505)
März 1	8	11 10.0	6.7	+ 5 34	39	0.347
9		11 3.3	6.4	+ 6 13	37	0.349
17		10 56.9	5.8	+ 6 50	32	0.354
25		10 51.1	4.9	+ 7 22	28	0.363
April 2		10 46.2		+ 7 50		(0.513)

(565) Marbachia 12.2 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		11 16.4	6.0	−13 49	41	(0.330)
März 1	5	11 10.4	6.5	−13 8	62	0.073
9		11 3.9	6.2	−12 6	77	0.068
17		10 57.7	5.3	−10 49	87	0.069
25		10 52.4	3.9	− 9 22	89	0.076
April 2		10 48.5		− 7 53		(0.332)

(126) Velleda 12.1 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		11 22.2	7.2	+ 7 20	41	(0.430)
März 1	6	11 15.0	7.6	+ 8 1	41	0.232
9		11 7.4	7.4	+ 8 42	37	0.232
17		11 0.0	6.7	+ 9 19	31	0.236
25		10 53.3	5.6	+ 9 50	22	0.244
April 2		10 47.7		+10 12		(0.431)

(252) Clementina 13.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		11 21.3	5.3	− 4 46	42	(0.530)
März 1	7	11 16.0	5.5	− 4 4	49	0.384
9		11 10.5	5.4	− 3 15	52	0.381
17		11 5.1	5.1	− 2 23	53	0.382
25		11 0.0	4.3	− 1 30	51	0.387
April 2		10 55.7		− 0 39		(0.531)

(283) Emma 12.5 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		11 24.0	6.0	− 4 6	21	(0.544)
März 1	7	11 18.0	6.2	− 3 45	27	0.402
9		11 11.8	6.1	− 3 18	30	0.400
17		11 5.7	5.7	− 2 48	32	0.402
25		11 0.0	5.1	− 2 16	31	0.406
April 2		10 54.9		− 1 45		(0.544)

(694) Ekard 13.8 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		11ʰ 25.2ᵐ	6.1	−16° 27'	30	(0.545)
März 1	7	11 19.1	6.3	−15 57	41	0.410
9		11 12.8	6.4	−15 16	52	0.405
17		11 6.4	6.0	−14 24	59	0.403
25		11 0.4	5.3	−13 25	63	0.404
April 2		10 55.1		−12 22		(0.541)

***(161) Athor** 11.6 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		11 30.1	7.7	+12 26	34	(0.423)
März 1	8	11 22.4	8.3	+13 0	30	0.220
9		11 14.1	8.3	+13 30	24	0.217
17		11 5.8	7.7	+13 54	14	0.219
25		10 58.1	6.6	+14 8	2	0.226
April 2		10 51.5		+14 10		(0.417)

(596) Scheila 11.8 1914/15

1916		α_{1925}		δ_{1925}		(log r) log Δ
Febr. 22		11 31.6	6.5	+27 22	52	(0.449)
März 1	9	11 25.1	7.2	+28 14	41	0.268
9		11 17.9	7.2	+28 55	25	0.267
17		11 10.7	6.6	+29 20	8	0.270
25		11 4.1	5.6	+29 28	−10	0.277
April 2		10 58.5		+29 18		(0.439)

(668) Dora 16.0 1908

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11 24.8	6.2	− 3 48	45	(0.524)
9	9	11 18.6	6.2	− 3 3	49	0.371
17		11 12.4	5.8	− 2 14	50	0.370
25		11 6.6	5.3	− 1 24	50	0.372
April 2		11 1.3	4.3	− 0 34	45	0.378
10		10 57.0		+ 0 11		(0.519)

***(246) Asporina** 11.6 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11 30.2	6.0	+ 5 32	89	(0.425)
9	10	11 24.2	5.9	+ 7 1	88	0.219
17		11 18.3	5.7	+ 8 29	83	0.219
25		11 12.6	4.8	+ 9 52	73	0.223
April 2		11 7.8	3.7	+11 5	61	0.232
10		11 4.1		+12 6		(0.417)

(272) Antonia 13.5 1890

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11 35.8	6.8	+ 8 30	36	(0.437)
9	11	11 29.0	6.9	+ 9 6	33	0.242
17		11 22.1	6.4	+ 9 39	27	0.245
25		11 15.7	5.7	+10 6	18	0.251
April 2		11 10.0	4.4	+10 24	9	0.262
10		11 5.6		+10 33		(0.439)

(307) Nike 13.2 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11h 35m.4	6.3	+11°42′	48	(0.470)
9	11	11 29.1	6.4	+12 30	42	0.296
17		11 22.7	5.9	+13 12	35	0.301
25		11 16.8	5.2	+13 47	25	0.309
April 2		11 11.6	4.0	+14 12	13	0.321
10		11 7.6		+14 25		(0.478)

(68) Leto 11.4 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11 41.3	6.6	+12 24	37	(0.518)
9	12	11 34.7	6.7	+13 1	32	0.364
17		11 28.0	6.5	+13 33	26	0.366
25		11 21.5	6.0	+13 59	17	0.370
April 2		11 15.5	4.9	+14 16	7	0.378
10		11 10.6		+14 23		(0.518)

(419) Aurelia 10.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11 43.1	6.7	− 4 9	44	(0.403)
9	13	11 36.4	7.1	− 3 25	51	0.182
17		11 29.3	7.1	− 2 34	55	0.174
25		11 22.2	6.5	− 1 39	56	0.171
April 2		11 15.7	5.3	− 0 43	51	0.173
10		11 10.4		+ 0 8		(0.383)

(339) Dorothea 13.2 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11 44.1	5.4	+ 0 54	55	(0.517)
9	13	11 38.7	5.6	+ 1 49	56	0.361
17		11 33.1	5.6	+ 2 45	56	0.360
25		11 27.5	5.0	+ 3 41	52	0.363
April 2		11 22.5	4.2	+ 4 33	46	0.369
10		11 18.3		+ 5 19		(0.515)

(39) Laetitia 10.0 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11 44.9	5.9	+ 5 14	64	(0.487)
9	13	11 39.0	6.1	+ 6 18	62	0.318
17		11 32.9	5.9	+ 7 20	58	0.319
25		11 27.0	5.3	+ 8 18	51	0.323
April 2		11 21.7	4.4	+ 9 9	41	0.331
10		11 17.3		+ 9 50		(0.488)

(173) Ino 11.9 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11 45.9	6.0	+ 9 24	67	(0.510)
9	14	11 39.9	6.1	+10 31	64	0.354
17		11 33.8	5.9	+11 35	57	0.356
25		11 27.9	5.4	+12 32	49	0.361
April 2		11 22.5	4.5	+13 21	38	0.370
10		11 18.0		+13 59		(0.514)

(566) Stereoskopia 12.5 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11h 47m.5	5.4	+ 8°49′	38	(0.570)
9	14	11 42.1	5.5	+ 9 27	35	0.436
17		11 36.6	5.4	+10 2	30	0.437
25		11 31.2	4.9	+10 32	25	0.441
April 2		11 26.3	4.3	+10 57	17	0.448
10		11 22.0		+11 14		(0.572)

(106) Dione 12.0 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11 48.6	5.7	+ 7 50	37	(0.547)
9	15	11 42.9	5.9	+ 8 27	35	0.405
17		11 37.0	5.7	+ 9 2	31	0.407
25		11 31.3	5.2	+ 9 33	25	0.412
April 2		11 26.1	4.5	+ 9 58	17	0.419
10		11 21.6		+10 15		(0.552)

(761) [1913 *SO*] 14.0 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11 56.5	6.1	+ 2 14	36	(0.478)
9	16	11 50.4	6.5	+ 2 50	37	0.305
17		11 43.9	6.4	+ 3 27	37	0.303
25		11 37.5	5.9	+ 4 4	31	0.304
April 2		11 31.6	5.1	+ 4 35	27	0.310
10		11 26.5		+ 5 2		(0.476)

(481) Emita 11.9 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		11 58.8	6.8	+16 5	44	(0.457)
9	16	11 52.0	7.1	+16 49	36	0.280
17		11 44.9	7.0	+17 25	25	0.284
25		11 37.9	6.3	+17 50	13	0.291
April 2		11 31.6	5.3	+18 3	3	0.302
10		11 26.3		+18 6		(0.466)

(424) Gratia 12.9 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		12 2.9	6.1	+12 36	54	(0.447)
9	17	11 56.8	6.6	+13 30	49	0.263
17		11 50.2	6.5	+14 19	40	0.264
25		11 43.7	6.0	+14 59	28	0.270
April 2		11 37.7	5.0	+15 27	15	0.280
10		11 32.7		+15 42		(0.454)

(46) Hestia 11.5 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 1		12 4.1	6.3	− 0 54	47	(0.469)
9	17	11 57.8	6.7	− 0 7	49	0.293
17		11 51.1	6.9	+ 0 42	50	0.290
25		11 44.2	6.4	+ 1 32	47	0.291
April 2		11 37.8	5.6	+ 2 19	42	0.296
10		11 32.2		+ 3 1		(0.469)

(337) Devosa 11.2 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		12h 0m.1	8.5	+ 0° 8′	20	(0.362)
17	18	11 51.6	8.3	+ 0 28	20	0.120
25		11 43.3	7.6	+ 0 48	16	0.126
April 2		11 35.7	6.4	+ 1 4	11	0.137
10		11 29.3	4.6	+ 1 15	4	0.153
18		11 24.7		+ 1 19		(0.374)

(97) Klotho 10.8 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		11 59.0	6.5	+ 4 52	77	(0.435)
17	18	11 52.5	6.4	+ 6 9	70	0.243
25		11 46.1	5.8	+ 7 19	62	0.251
April 2		11 40.3	4.8	+ 8 21	51	0.263
10		11 35.5	3.6	+ 9 12	38	0.278
18		11 31.9		+ 9 50		(0.451)

(350) Ornamenta 12.9 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		12 0.5	7.0	+37 46	38	(0.496)
17	18	11 53.5	6.9	+38 24	17	0.361
25		11 46.6	6.3	+38 41	1	0.370
April 2		11 40.3	5.3	+38 40	19	0.380
10		11 35.0	4.1	+38 21	36	0.393
18		11 30.9		+37 45		(0.504)

(687) Tinette 15.9 1909

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		12 1.1	7.3	— 9 47	18	(0.524)
17	18	11 53.8	7.2	— 9 29	23	0.375
25		11 46.6	6.9	— 9 6	27	0.376
April 2		11 39.7	6.2	— 8 39	28	0.381
10		11 33.5	5.2	— 8 11	28	0.389
18		11 28.3		— 7 43		(0.530)

(569) Misa 12.4 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		12 1.9	7.0	2 0	42	(0.417)
17	18	11 54.9	6.9	— 1 18	43	0.214
25		11 48.0	6.4	— 0 35	41	0.218
April 2		11 41.6	5.5	+ 0 6	36	0.228
10		11 36.1	4.0	+ 0 42	28	0.241
18		11 32.1		+ 1 10		(0.430)

(631) Philippina 12.0 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		12 4.1	5.8	—22 45	61	(0.417)
17	19	11 58.3	5.8	—21 44	77	0.222
25		11 52.5	5.6	—20 27	91	0.219
April 2		11 46.9	4.8	—18 56	98	0.221
10		11 42.1	3.4	—17 18	100	0.227
18		11 38.7		—15 38		(0.421)

(120) Lachesis 11.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		12h 5m.7	6.4	— 3° 38′	22	(0.473)
17	19	11 59.3	6.5	— 3 16	24	0.296
25		11 52.8	6.2	— 2 52	25	0.295
April 2		11 46.6	5.5	— 2 27	22	0.298
10		11 41.1	4.5	— 2 5	18	0.305
18		11 36.6		— 1 47		(0.471)

(539) Pamina 14.1 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		12 6.4	6.4	—11 4	33	(0.520)
17	20	12 0.0	6.5	—10 31	40	0.368
25		11 53.5	6.3	— 9 51	45	0.368
April 2		11 47.2	5.7	— 9 6	45	0.370
10		11 41.5	4.7	— 8 21	43	0.376
18		11 36.8		— 7 38		(0.521)

(548) Kressida 13.3 1909

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		12 8.2	7.8	+ 5 48	58	(0.369)
17	20	12 0.4	7.8	+ 6 46	52	0.135
25		11 52.6	7.1	+ 7 38	42	0.142
April 2		11 45.5	6.0	+ 8 20	30	0.154
10		11 39.5	4.3	+ 8 50	16	0.171
18		11 35.2		+ 9 6		(0.384)

(429) Lotis 13.1 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		12 7.7	6.4	+10 55	53	(0.460)
17	20	12 1.3	6.5	+10 2	60	0.280
25		11 54.8	6.2	+ 9 2	64	0.280
April 2		11 48.6	5.4	+ 7 58	65	0.284
10		11 43.2	4.4	+ 6 53	60	0.291
18		11 38.8		+ 5 53		(0.463)

(427) Galene 13.1 1908

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		12 8.3	6.1	— 7 58	29	(0.498)
17	20	12 2.2	6.4	— 7 29	35	0.333
25		11 55.8	6.1	— 6 54	37	0.330
April 2		11 49.7	5.6	— 6 17	37	0.331
10		11 44.1	4.7	— 5 40	35	0.336
18		11 39.4		— 5 5		(0.492)

(493) Griseldis 15.1 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 9		12 10.2	6.6	1 18	15	(0.541)
17	20	12 3.6	6.7	1 3	16	0.396
25		11 56.9	6.4	— 0 47	15	0.397
April 2		11 50.5	5.9	0 32	13	0.402
10		11 44.6	5.0	0 19	10	0.409
18		11 39.6		0 9		(0.545)

(353) Ruperto-Carola 14.6 1914/15

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 14.3	7.0	+ 7 27	51	(0.454)
17	21 12 7.3	7.0	+ 8 18	45	0.274
25	12 0.3	6.6	+ 9 3	37	0.281
April 2	11 53.7	5.8	+ 9 40	26	0.292
10	11 47.9	4.6	+10 6	16	0.307
18	11 43.3		+10 22		(0.473)

(625) Xenia 13.0 1912

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 16.0	6.3	+12 36	64	(0.498)
17	21 12 9.7	6.5	+13 40	57	0.334
25	12 3.2	6.4	+14 37	48	0.334
April 2	11 56.8	5.9	+15 25	36	0.338
10	11 50.9	4.9	+16 1	22	0.344
18	11 46.0		+16 23		(0.491)

(250) Bettina 11.3 1914/15

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 16.8	6.8	+ 8 9	19	(0.480)
17	21 12 10.0	7.0	+ 8 28	14	0.310
25	12 3.0	6.7	+ 8 42	8	0.313
April 2	11 56.3	5.9	+ 8 50	—	0.319
10	11 50.4	4.9	+ 8 50	8	0.330
18	11 45.5		+ 8 42		(0.487)

(639) Latona 12.7 1915

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 13.8	5.9	−14 25	26	(0.522)
17	21 12 7.9	6.2	−13 59	32	0.373
25	12 1.7	6.0	−13 27	39	0.369
April 2	11 55.7	5.5	−12 48	42	0.370
10	11 50.2	4.7	−12 6	45	0.374
18	11 45.5		−11 21		(0.520)

(208) Lacrimosa 12.1 1914

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 18.0	6.2	− 1 38	35	(0.459)
17	22 12 11.8	6.4	− 1 3	37	0.276
25	12 5.4	6.2	− 0 26	36	0.274
April 2	11 59.2	5.7	+ 0 10	32	0.277
10	11 53.5	4.7	+ 0 42	25	0.284
18	11 48.8		+ 1 7		(0.460)

(764) [1913 *SU*] 13.5 1915

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 17.8	5.6	−16 42	26	(0.522)
17	23 12 12.2	5.8	−16 16	38	0.375
25	12 6.4	5.7	−15 38	45	0.373
April 2	12 0.7	5.3	−14 53	48	0.374
10	11 55.4	4.4	−14 5	50	0.379
18	11 51.0		−13 15		(0.526)

(712) Boliviana 12.0 1914/15

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 22.3	6.3	−17 36	48	(0.455)
17	23 12 16.0	6.7	−16 48	60	0.279
25	12 9.3	6.6	−15 48	68	0.277
April 2	12 2.7	5.9	−14 40	73	0.280
10	11 56.8	4.9	−13 27	73	0.286
18	11 51.9		−12 14		(0.463)

(295) Theresia 13.9 1914

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 22.3	6.4	− 6 42	39	(0.473)
17	23 12 15.9	6.6	− 6 3	41	0.300
25	12 9.3	6.4	− 5 22	43	0.300
April 2	12 2.9	5.8	− 4 39	42	0.305
10	11 57.1	4.9	− 3 57	37	0.313
18	11 52.2		− 3 20		(0.481)

(363) Padua 12.0 1913

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 24.4	6.3	+ 6 17	41	(0.469)
17	23 12 18.1	6.8	+ 6 58	37	0.292
25	12 11.3	6.6	+ 7 35	32	0.292
April 2	12 4.7	6.1	+ 8 7	23	0.295
10	11 58.6	5.1	+ 8 30	14	0.303
18	11 53.5		+ 8 44		(0.469)

*(**93**) Minerva 10.7 1913

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 26.3	6.7	− 1 41	18	(0.437)
17	24 12 19.6	7.4	− 1 23	22	0.240
25	12 12.2	7.4	− 1 1	21	0.235
April 2	12 4.8	6.9	− 0 40	17	0.234
10	11 57.9	5.9	− 0 23	13	0.238
18	11 52.0		− 0 10		(0.428)

(472) Roma 11.7 1914

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 25.4	6.3	+17 50	80	(0.418)
17	24 12 19.1	6.7	+19 10	68	0.222
25	12 12.4	6.5	+20 18	52	0.227
April 2	12 5.9	5.8	+21 10	32	0.235
10	12 0.1	4.7	+21 42	14	0.248
18	11 55.4		+21 56		(0.424)

(460) Scania 14.4 1913

1916	α_{1925} (h m)		δ_{1925} (° ′)		(log r) log Δ
März 9	12 26.0	5.9	− 5 48	46	(0.476)
17	24 12 20.1	6.4	− 5 2	51	0.303
25	12 13.7	6.2	− 4 11	52	0.301
April 2	12 7.5	5.8	− 3 19	50	0.302
10	12 1.7	5.0	− 2 29	45	0.308
18	11 56.7		− 1 44		(0.477)

(793) [1907 *ZD*] 13.1 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12h 34m.8	7.4	+11° 1'	21	(0.495)
25		12 27.4	7.3	+11 22	14	0.332
April 2	27	12 20.1	7.0	+11 36	4	0.333
10		12 13.1	6.3	+11 40	5	0.339
18		12 6.8	5.2	+11 35	16	0.348
26		12 1.6		+11 19		(0.493)

(575) Renate 13.9 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12 36.9	8.1	−11 38	4	(0.443)
25		12 28.8	8.3	−11 34	11	0.250
April 2	27	12 20.5	8.2	−11 23	17	0.247
10		12 12.3	7.3	−11 6	18	0.249
18		12 5.0	6.0	−10 48	16	0.256
26		11 59.0		−10 32		(0.437)

(620) Drakonia 14.2 1908

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12 42.7	7.6	−6 1	23	(0.431)
25		12 35.1	8.0	−5 38	28	0.229
April 2	29	12 27.1	7.7	−5 10	27	0.227
10		12 19.4	7.0	−4 43	26	0.229
18		12 12.4	5.8	−4 17	20	0.236
26		12 6.6		−3 57		(0.425)

(25) Phocaea 10.8 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12 43.1	6.5	−20 58	83	(0.401)
25		12 36.6	7.0	−19 35	101	0.184
April 2	29	12 29.6	6.9	−17 54	115	0.173
10		12 22.7	6.2	−15 59	123	0.168
18		12 16.5	5.0	−13 56	125	0.167
26		12 11.5		−11 51		(0.382)

(125) Liberatrix 11.1 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12 42.8	5.9	−2 26	54	(0.435)
25		12 36.9	6.4	−1 32	55	0.235
April 2	29	12 30.5	6.1	−0 37	52	0.233
10		12 24.4	5.4	+0 15	45	0.236
18		12 19.0	4.4	+1 0	37	0.243
26		12 14.6		+1 37		(0.429)

(626) Notburga 12.7 1911

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12 48.1	8.4	−26 59	11	(0.503)
25		12 39.7	9.2	−27 10	2	0.354
April 2	29	12 30.5	9.0	−27 8	15	0.350
10		12 21.5	8.2	−26 53	25	0.350
18		12 13.3	7.2	−26 28	33	0.354
26		12 6.1		−25 55		(0.509)

(536) Merapi 12.2 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12h 43m.2	5.9	+20° 19'	26	(0.585)
25		12 37.3	6.0	+20 45	16	0.463
April 2	30	12 31.3	5.8	+21 1	5	0.465
10		12 25.5	5.3	+21 6	6	0.470
18		12 20.2	4.6	+21 0	16	0.479
26		12 15.6		+20 44		(0.584)

(271) Penthesilea 13.3 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12 46.5	6.0	−7 53	30	(0.518)
25		12 40.5	6.2	−7 23	33	0.363
April 2	30	12 34.3	6.0	−6 50	34	0.362
10		12 28.3	5.5	−6 16	32	0.365
18		12 22.8	4.8	−5 44	29	0.371
26		12 18.0		−5 15		(0.519)

(535) Montague 11.7 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12 48.7	6.7	+6 45	46	(0.398)
25		12 42.0	7.1	+7 31	39	0.181
April 2	31	12 34.9	6.9	+8 10	28	0.183
10		12 28.0	6.0	+8 38	16	0.189
18		12 22.0	4.8	+8 54	2	0.200
26		12 17.2		+8 56		(0.400)

(601) Nerthus 13.0 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12 47.7	5.1	+1 42	67	(0.524)
25		12 42.6	5.3	+2 49	65	0.371
April 2	31	12 37.3	5.3	+3 54	61	0.370
10		12 32.0	4.8	+4 55	53	0.372
18		12 27.2	4.1	+5 48	44	0.378
26		12 23.1		+6 32		(0.520)

(662) Newtonia 13.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12 54.4	6.4	−0 11	55	(0.420)
25		12 48.0	7.0	+0 44	55	0.209
April 2	1	12 41.0	7.0	+1 39	51	0.203
10		12 34.0	6.6	+2 30	44	0.202
18		12 27.4	5.4	+3 14	33	0.205
26		12 22.0		+3 47		(0.404)

***(384)** Burdigala 11.9 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12 56.9	6.7	+0 10	34	(0.433)
25		12 50.2	7.2	+0 44	33	0.238
April 2	1	12 43.0	7.1	+1 17	28	0.240
10		12 35.9	6.4	+1 45	21	0.246
18		12 29.5	5.2	+2 6	12	0.256
26		12 24.3		+2 18		(0.442)

(393) Lampetia 11.0 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12h 55.9m	5.8	−15° 48′	59	(0.448)
25	1	12 50.1	6.4	−14 49	71	0.255
April 2		12 43.7	6.6	−13 38	81	0.244
10		12 37.1	6.2	−12 17	85	0.238
18		12 30.9	5.3	−10 52	85	0.236
26		12 25.6		− 9 27		(0.426)

(41) Daphne 8.8 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 17		12 54.1	3.9	− 2 4	125	(0.325)
25	2	12 50.2	4.5	+ 0 1	129	0.044
April 2		12 45.7	4.5	+ 2 10	123	0.038
10		12 41.2	3.9	+ 4 13	110	0.039
18		12 37.3	2.8	+ 6 3	92	0.045
26		12 34.5		+ 7 35		(0.314)

(344) Desiderata 11.2 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 25		13 2.0	9.2	+16 44	16	(0.388)
April 2	3	12 52.8	9.5	+17 0	−2	0.164
10		12 43.3	9.1	+16 58	20	0.160
18		12 34.2	8.0	+16 38	40	0.161
26		12 26.2	6.5	+15 58	57	0.167
Mai 4		12 19.7		+15 1		(0.362)

(774) [1913 *TW*] 12.1 1913/14

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 25		13 0.5	6.0	−14 9	37	(0.460)
April 2	4	12 54.5	6.2	−13 32	47	0.273
10		12 48.3	5.9	−12 45	50	0.269
18		12 42.4	5.1	−11 55	49	0.270
26		12 37.3	4.1	−11 6	46	0.275
Mai 4		12 33.2		−10 20		(0.450)

(435) Ella 12.8 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 25		13 3.2	7.2	− 6 10	40	(0.448)
April 2	4	12 56.0	7.3	− 5 30	41	0.255
10		12 48.7	7.0	− 4 49	39	0.255
18		12 41.7	6.2	− 4 10	34	0.259
26		12 35.5	5.0	− 3 36	27	0.267
Mai 4		12 30.5		− 3 9		(0.444)

(520) Franziska 14.3 1906

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 25		13 6.0	6.5	− 0 14	22	(0.510)
April 2	5	12 59.5	6.7	+ 0 8	19	0.351
10		12 52.8	6.4	+ 0 27	15	0.353
18		12 46.4	5.7	+ 0 42	9	0.359
26		12 40.7	4.7	+ 0 51	2	0.367
Mai 4		12 36.0		+ 0 53		(0.513)

(446) Aeternitas 11.7 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 25		13h 9.4m	6.9	+ 1° 33′	25	(0.474)
April 2	5	13 2.5	7.2	+ 1 58	21	0.296
10		12 55.3	6.9	+ 2 19	15	0.296
18		12 48.4	6.3	+ 2 34	7	0.299
26		12 42.1	5.2	+ 2 41	−1	0.306
Mai 4		12 36.9		+ 2 40		(0.468)

(183) Istria 13.8 1911

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 25		13 11.4	6.2	+21 8	66	(0.535)
April 2	6	13 5.2	6.3	+22 14	52	0.403
10		12 58.9	6.0	+23 6	36	0.410
18		12 52.9	5.4	+23 42	21	0.419
26		12 47.5	4.5	+24 3	6	0.431
Mai 4		12 43.0		+24 9		(0.545)

(74) Galatea 12.9 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 25		13 13.2	6.0	− 8 1	44	(0.535)
April 2	7	13 7.2	6.2	− 7 17	45	0.386
10		13 1.0	6.0	− 6 32	44	0.384
18		12 55.0	5.6	− 5 48	42	0.387
26		12 49.4	4.7	− 5 6	36	0.392
Mai 4		12 44.7		− 4 30		(0.533)

(390) Alma 12.9 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 25		13 17.1	7.5	−28 25	7	(0.393)
April 2	7	13 9.6	8.0	−28 18	24	0.186
10		13 1.6	7.5	−27 54	38	0.184
18		12 54.1	6.6	−27 16	50	0.187
26		12 47.5	5.4	−26 26	55	0.194
Mai 4		12 42.1		−25 31		(0.402)

(121) Hermione 11.9 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 25		13 16.6	5.3	+ 1 30	31	(0.594)
April 2	7	13 11.3	5.4	+ 2 1	28	0.467
10		13 5.9	5.3	+ 2 29	24	0.467
18		13 0.6	4.9	+ 2 53	18	0.470
26		12 55.7	4.3	+ 3 11	12	0.475
Mai 4		12 51.4		+ 3 23		(0.592)

(135) Hertha 10.9 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
März 25		13 18.9	7.1	−10 23	35	(0.422)
April 2	7	13 11.8	7.7	− 9 48	39	0.213
10		13 4.1	7.6	− 9 9	42	0.207
18		12 56.5	7.0	− 8 27	40	0.206
26		12 49.5	6.0	− 7 47	35	0.210
Mai 4		12 43.5		− 7 12		(0.409)

(357) Ninina 12.5 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
März 25	13h 20.5m	5.2	+ 9° 58′	56	(0.528)
April 2	8 13 15.3	5.6	+10 54	48	0.381
10	13 9.7	5.4	+11 42	39	0.383
18	13 4.3	5.0	+12 21	27	0.387
26	12 59.3	4.2	+12 48	15	0.395
Mai 4	12 55.1		+13 3		(0.528)

(182) Elsa 11.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
März 25	13 24.3	7.1	− 5 14	45	(0.435)
April 2	8 13 17.2	7.4	− 4 29	45	0.241
10	13 9.8	7.2	− 3 44	42	0.242
18	13 2.6	6.5	− 3 2	36	0.247
26	12 56.1	5.4	− 2 26	28	0.258
Mai 4	12 50.7		− 1 58		(0.443)

(10) Hygiea 8.9 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
März 25	13 24.0	5.6	−15 3	27	(0.450)
April 2	9 13 18.4	6.0	−14 36	34	0.262
10	13 12.4	6.2	−14 2	38	0.258
18	13 6.2	5.6	−13 24	41	0.258
26	13 0.6	4.7	−12 43	38	0.262
Mai 4	12 55.9		−12 5		(0.446)

(298) Baptistina 13.2 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
März 25	13 30.7	8.0	−11 8	11	(0.328)
April 2	9 13 22.7	8.6	−10 57	17	0.058
10	13 14.1	8.4	−10 40	19	0.057
18	13 5.7	7.6	−10 21	19	0.062
26	12 58.1	6.1	−10 2	15	0.072
Mai 4	12 52.0		− 9 47		(0.335)

(55) Pandora 11.6 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13 32.0	6.9	−11 37	24	(0.499)
10	12 13 25.1	7.0	−11 13	26	0.332
18	13 18.1	6.6	−10 47	26	0.332
26	13 11.5	6.0	−10 21	24	0.336
Mai 4	13 5.5	5.0	− 9 57	21	0.343
12	13 0.5		− 9 36		(0.497)

(260) Huberta 14.2 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13 30.9	5.1	− 4 32	41	(0.572)
10	12 13 25.8	5.2	− 3 51	40	0.436
18	13 20.6	5.1	− 3 11	36	0.436
26	13 15.5	4.5	− 2 35	31	0.439
Mai 4	13 11.0	3.8	− 2 4	24	0.444
12	13 7.2		− 1 40		(0.568)

(692) Hippodamia 13.1 1911

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13h 41.1m	7.3	+22° 19′	−3	(0.503)
10	14 13 33.8	7.2	+22 22	12	0.361
18	13 26.6	6.8	+22 10	27	0.366
26	13 19.8	6.1	+21 43	41	0.375
Mai 4	13 13.7	5.0	+21 2	54	0.386
12	13 8.7		+20 8		(0.512)

(104) Klymene 12.7 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13 42.9	5.8	− 9 10	30	(0.542)
10	15 13 37.1	6.0	− 8 40	30	0.396
18	13 31.1	5.8	− 8 10	28	0.397
26	13 25.3	5.3	− 7 42	26	0.401
Mai 4	13 20.0	4.3	− 7 16	21	0.408
12	13 15.7		− 6 55		(0.546)

(670) Ottegebe 14.3 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13 44.2	5.9	− 5 35	50	(0.521)
10	15 13 38.3	6.1	− 4 45	48	0.365
18	13 32.2	6.1	− 3 57	45	0.365
26	13 26.1	5.5	− 3 12	40	0.367
Mai 4	13 20.6	4.6	− 2 32	33	0.373
12	13 16.0		− 1 59		(0.518)

(768) [1913 *SZ*] 14.8 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13 45.0	6.3	− 3 22	15	(0.564)
10	15 13 38.7	6.5	− 3 7	14	0.427
18	13 32.2	6.3	− 2 53	10	0.428
26	13 25.9	5.9	− 2 43	5	0.433
Mai 4	13 20.0	4.9	− 2 38	1	0.440
12	13 15.1		− 2 37		(0.568)

(495) Eulalia 13.3 1906

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13 45.8	6.8	− 9 55	45	(0.453)
10	15 13 39.0	7.1	− 9 10	47	0.265
18	13 31.9	6.9	− 8 23	45	0.265
26	13 25.0	6.2	− 7 38	41	0.268
Mai 4	13 18.8	5.2	− 6 57	35	0.276
12	13 13.6		− 6 22		(0.453)

*(**4**) Vesta 6.2 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13 47.9	7.1	+ 2 32	48	(0.347)
10	15 13 40.8	7.4	+ 3 20	38	0.089
18	13 33.4	7.2	+ 3 58	26	0.089
26	13 26.2	6.4	+ 4 24	11	0.093
Mai 4	13 19.8	4.9	+ 4 35	−6	0.103
12	13 14.9		+ 4 29		(0.341)

***(50) Virginia** 13.0 1915

1916	α_{1925} (h m)		δ_{1925}		(log r) log Δ
April 2	13 47.0	6.3	−8° 57′	41	(0.529)
10	[15] 13 40.7	6.5	−8 16	42	0.376
18	13 34.2	6.5	−7 34	41	0.374
26	13 27.7	6.0	−6 53	38	0.376
Mai 4	13 21.7	5.2	−6 15	33	0.381
12	13 16.5		−5 42		(0.525)

(359) Georgia 12.8 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13 53.7	6.7	−15 7	18	(0.478)
10	[17] 13 47.0	7.3	−14 49	24	0.303
18	13 39.7	7.2	−14 25	26	0.298
26	13 32.5	6.7	−13 59	27	0.298
Mai 4	13 25.8	5.8	−13 32	25	0.302
12	13 20.0		−13 7		(0.472)

(642) Clara 13.3 1910

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13 53.0	6.4	−15 36	13	(0.487)
10	[17] 13 46.6	6.6	−15 23	18	0.319
18	13 40.0	6.6	−15 5	19	0.320
26	13 33.4	6.1	−14 46	22	0.323
Mai 4	13 27.3	5.0	−14 24	19	0.331
12	13 22.3		−14 5		(0.494)

(645) Agrippina 13.8 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13 55.4	6.1	−16 27	18	(0.526)
10	[18] 13 49.3	6.4	−16 9	22	0.376
18	13 42.9	6.3	−15 47	24	0.376
26	13 36.6	5.9	−15 23	26	0.379
Mai 4	13 30.7	5.0	−14 57	23	0.385
12	13 25.7		14 34		(0.533)

(766) [1913 *SW*] 13.2 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	13 57.7	6.5	−16 52	11	(0.504)
10	[18] 13 51.2	7.0	−16 41	16	0.344
18	13 44.2	6.8	−16 25	19	0.343
26	13 37.4	6.3	−16 6	20	0.345
Mai 4	13 31.1	5.6	−15 46	20	0.350
12	13 25.5		−15 26		(0.508)

***(7) Iris** 9.6 1914/15

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 2	14 1.4	7.2	−19 15	39	(0.464)
10	[18] 13 54.2	7.4	−18 36	45	0.287
18	13 46.8	7.5	−17 51	50	0.284
26	13 39.3	6.9	−17 1	53	0.285
Mai 4	13 32.4	5.9	−16 8	50	0.291
12	13 26.5		−15 18		(0.467)

(547) Praxedis 13.8 1913

1916	α_{1925} (h m)		δ_{1925}		(log r) log Δ
April 2	13 59.8	5.6	−7° 0′	62	(0.535)
10	[18] 13 54.2	5.9	−5 58	63	0.387
18	13 48.3	5.9	−4 55	60	0.386
26	13 42.4	5.6	−3 55	55	0.388
Mai 4	13 36.8	4.9	−3 0	47	0.393
12	13 31.9		−2 13		(0.535)

(163) Erigone 11.8 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 10	13 56.2	7.4	−5 47	55	(0.387)
18	[18] 13 48.8	7.3	−4 52	50	0.163
26	13 41.5	6.6	−4 2	41	0.170
Mai 4	13 34.9	5.4	−3 21	30	0.183
12	13 29.5	3.9	−2 51	17	0.199
20	13 25.6		2 34		(0.401)

(209) Dido 11.3 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 10	13 59.2	6.5	−17 27	15	(0.475)
18	[19] 13 52.7	6.7	−17 12	20	0.297
26	13 46.0	6.4	−16 52	22	0.296
Mai 4	13 39.6	5.6	−16 30	22	0.299
12	13 34.0	4.4	−16 8	19	0.306
20	13 29.6		−15 49		(0.472)

(158) Koronis 12.6 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 10	14 3.2	6.4	−14 2	34	(0.478)
18	[20] 13 56.8	6.5	−13 28	37	0.302
26	13 50.3	6.2	−12 51	36	0.303
Mai 4	13 44.1	5.5	−12 15	33	0.308
12	13 38.6	4.3	−11 42	29	0.316
20	13 34.3		11 13		(0.480)

(776) [1914 *TY*] 11.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 10	14 3.5	6.5	+10 27	21	(0.533)
18	[20] 13 57.0	6.6	+10 48	10	0.392
26	13 50.4	6.3	+10 58	—	0.394
Mai 4	13 44.1	5.6	+10 58	11	0.400
12	13 38.5	4.8	+10 47	22	0.409
20	13 33.7		+10 25		(0.533)

(88) Thisbe 10.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
April 10	14 3.9	6.8	−20 34	33	(0.441)
18	[20] 13 57.1	7.0	−20 1	42	0.243
26	13 50.1	6.7	−19 19	47	0.238
Mai 4	13 43.4	6.0	−18 32	48	0.239
12	13 37.4	4.8	−17 44	45	0.243
20	13 32.6		−16 59		(0.430)

(175) Andromache 12.6 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14h 4.1m	5.9	−12° 59'	26	(0.538)
18	21	13 58.2	6.1	−12 33	28	0.387
26		13 52.1	5.9	−12 5	27	0.385
Mai 4		13 46.2	5.4	−11 38	25	0.386
12		13 40.8	4.6	−11 13	21	0.391
20		13 36.2		−10 52		(0.530)

*(27) Euterpe 10.1 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14 6.4	7.9	−10 14	41	(0.395)
18	21	13 58.5	8.0	−9 33	40	0.174
26		13 50.5	7.3	−8 53	37	0.178
Mai 4		13 43.2	6.2	−8 16	30	0.188
12		13 37.0	4.9	−7 46	20	0.201
20		13 32.1		−7 26		(0.406)

(501) Urhixidur 13.3 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14 9.9	7.6	−32 6	10	(0.531)
18	22	14 2.3	8.0	−32 16	−1	0.386
26		13 54.3	7.8	−32 15	11	0.382
Mai 4		13 46.5	7.3	−32 4	19	0.382
12		13 39.2	6.3	−31 45	25	0.384
20		13 32.9		−31 20		(0.524)

(159) Aemilia 12.3 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14 8.8	5.8	−4 0	38	(0.496)
18	22	14 3.0	6.0	−3 22	35	0.332
26		13 57.0	5.7	−2 47	29	0.334
Mai 4		13 51.3	5.0	−2 18	21	0.341
12		13 46.3	4.3	−1 57	13	0.350
20		13 42.0		−1 44		(0.502)

(612) Veronika 14.6 1906

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14 9.5	5.6	−10 34	73	(0.510)
18	22	14 3.9	5.8	−9 21	74	0.345
26		13 58.1	5.7	−8 7	73	0.341
Mai 4		13 52.4	5.1	−6 54	68	0.341
12		13 47.3	4.3	−5 46	60	0.345
20		13 43.0		−4 46		(0.496)

(733) [1912 *PF*] 13.0 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14 14.3	7.4	−38 14	12	(0.520)
18	22	14 6.9	7.8	−38 26	−2	0.378
26		13 59.1	7.7	−38 24	14	0.376
Mai 4		13 51.4	6.9	−38 10	27	0.377
12		13 44.5	6.0	−37 43	33	0.380
20		13 38.5		−37 10		(0.522)

(630) Euphemia 13.2 1907

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14h 14.1m	7.0	+10° 42'	32	(0.390)
18	23	14 7.1	7.0	+11 14	15	0.177
26		14 0.1	6.6	+11 29	−1	0.182
Mai 4		13 53.5	5.7	+11 28	19	0.192
12		13 47.8	4.5	+11 9	35	0.205
20		13 43.3		+10 34		(0.397)

(708) Raphaela 12.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14 16.0	7.0	−17 11	22	(0.390)
18	23	14 9.0	7.2	−16 49	26	0.164
26		14 1.8	7.1	−16 23	28	0.163
Mai 4		13 54.7	6.2	−15 55	28	0.167
12		13 48.5	4.9	−15 27	26	0.175
20		13 43.6		−15 1		(0.393)

(437) Rhodia 12.8 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14 18.9	7.4	−23 56	38	(0.390)
18	23	14 11.5	8.0	−23 18	51	0.160
26		14 3.5	8.1	−22 27	61	0.150
Mai 4		13 55.4	7.3	−21 26	66	0.145
12		13 48.1	6.1	−20 20	66	0.146
20		13 42.0		−19 14		(0.370)

(286) Iclea 13.3 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14 19.6	5.2	+9 1	56	(0.510)
18	24	14 14.4	5.6	+9 57	45	0.359
26		14 8.8	5.4	+10 42	33	0.361
Mai 4		14 3.4	4.9	+11 15	20	0.366
12		13 58.5	4.1	+11 35	6	0.374
20		13 54.4		+11 41		(0.510)

(570) Kythera 13.2 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14 19.4	5.3	−14 34	29	(0.581)
18	24	14 14.1	5.5	−14 5	31	0.447
26		14 8.6	5.5	−13 34	32	0.445
Mai 4		14 3.1	5.1	−13 2	30	0.447
12		13 58.0	4.6	−12 32	26	0.451
20		13 53.4		−12 6		(0.578)

(697) Galilea 12.9 1913/14

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 10		14 23.5	7.2	−21 39	1	(0.497)
18	24	14 16.3	7.7	−21 40	−4	0.331
26		14 8.6	7.8	−21 36	10	0.326
Mai 4		14 0.8	7.4	−21 26	13	0.326
12		13 53.4	6.4	−21 13	15	0.329
20		13 47.0		−20 58		(0.490)

(100) Hekate 11.8 1915

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 10		14h 21.9m	5.7	− 4° 18′	37	(0.486)
18		14 16.2	6.1	− 3 41	37	0.313
26	25	14 10.1	6.0	− 3 4	31	0.310
Mai 4		14 4.1	5.6	− 2 33	24	0.310
12		13 58.5	4.9	− 2 9	14	0.315
20		13 53.6		− 1 55		(0.477)

(232) Russia 12.3 1914

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 10		14 24.9	5.8	− 4 29	58	(0.326)
18		14 19.1	6.4	− 3 31	51	0.052
26	25	14 12.7	6.1	− 2 40	42	0.052
Mai 4		14 6.6	5.3	− 1 58	28	0.058
12		14 1.3	4.0	− 1 30	12	0.070
20		13 57.3		− 1 18		(0.330)

(33) Polyhymnia 12.4 1915

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 18		14 24.3	7.0	−15 38	31	(0.506)
26	26	14 17.3	7.0	−15 7	32	0.337
Mai 4		14 10.3	6.8	−14 35	33	0.334
12		14 3.5	6.1	−14 2	30	0.334
20		13 57.4	5.1	−13 32	27	0.338
28		13 52.3		−13 5		(0.489)

(117) Lomia 11.5 1915

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 18		14 31.8	7.7	−32 54	1	(0.486)
26	28	14 24.1	8.0	−32 55	11	0.321
Mai 4		14 16.1	7.5	−32 44	21	0.319
12		14 8.6	6.7	−32 23	28	0.322
20		14 1.9	5.5	−31 55	33	0.327
28		13 56.4		−31 22		(0.486)

(280) Philia 14.7 1890

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 18		14 34.4	7.0	−20 18	15	(0.492)
26	28	14 27.4	7.1	−20 3	20	0.324
Mai 4		14 20.3	6.7	−19 43	21	0.325
12		14 13.6	5.9	−19 22	23	0.330
20		14 7.7	4.9	−18 59	20	0.338
28		14 2.8		−18 39		(0.497)

(367) Amicitia 12.3 1914

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 18		14 35.6	8.1	−10 56	32	(0.334)
26	28	14 27.5	8.2	−10 24	29	0.065
Mai 4		14 19.3	7.5	− 9 55	23	0.069
12		14 11.8	6.3	− 9 32	16	0.080
20		14 5.5	4.5	− 9 16	5	0.095
28		14 1.0		− 9 11		(0.343)

(281) Lucretia 13.8 1914

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 18		14h 36.7m	8.6	−16° 8′	23	(0.393)
26	28	14 28.1	8.9	−15 45	25	0.166
Mai 4		14 19.2	8.4	−15 20	25	0.167
12		14 10.8	7.3	−14 55	23	0.173
20		14 3.5	5.7	−14 32	17	0.183
28		13 57.8		−14 15		(0.394)

(80) Sappho 11.2 1915

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 18		14 44.2	7.3	−16 12	61	(0.413)
26	30	14 36.9	7.8	−15 11	65	0.197
Mai 4		14 29.1	7.6	−14 6	64	0.192
12		14 21.5	6.7	−13 2	61	0.193
20		14 14.8	5.5	−12 1	54	0.198
28		14 9.3		−11 7		(0.402)

***(179) Klytaemnestra** 11.9 1915

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 18		14 46.9	6.2	−22 28	37	(0.503)
26	1	14 40.7	6.5	−21 51	42	0.338
Mai 4		14 34.2	6.4	−21 9	46	0.335
12		14 27.8	5.8	−20 23	46	0.336
20		14 22.0	4.7	−19 37	45	0.340
28		14 17.3		−18 52		(0.498)

(243) Ida 13.5 1913

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 18		14 47.7	6.4	−17 53	27	(0.474)
26	1	14 41.3	6.8	−17 26	30	0.296
Mai 4		14 34.5	6.6	−16 56	31	0.295
12		14 27.9	6.0	−16 25	30	0.298
20		14 21.9	4.9	−15 55	27	0.305
28		14 17.0		−15 28		(0.475)

(673) Edda 13.0 1915

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 18		14 53.8	6.3	−17 16	35	(0.452)
26	3	14 47.5	6.6	−16 41	38	0.263
Mai 4		14 40.9	6.6	−16 3	39	0.261
12		14 34.3	6.0	−15 24	36	0.264
20		14 28.3	4.9	−14 48	32	0.270
28		14 23.4		−14 16		(0.453)

(138) Tolosa 11.7 1915

1916		α_{1925}		δ_{1925}		($\log r$) $\log \Delta$
April 18		14 56.1	7.3	−15 12	22	(0.383)
26	3	14 48.8	7.9	−14 50	24	0.146
Mai 4		14 40.9	8.0	−14 26	24	0.139
12		14 32.9	7.4	−14 2	22	0.138
20		14 25.5	6.1	−13 40	17	0.141
28		14 19.4		−13 23		(0.370)

(325) Heidelberga 13.1 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		14h 54m.5	6.6	−27° 14′	16	(0.569)
Mai 4	4	14 47.9	6.5	−26 58	23	0.434
12		14 41.4	6.1	−26 35	26	0.435
20		14 35.3	5.4	−26 9	28	0.438
28		14 29.9	4.6	−25 41	28	0.445
Juni 5		14 25.3		−25 13		(0.571)

(684) Hildburg 13.4 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		14 56.1	7.9	−25 44	19	(0.383)
Mai 4	4	14 48.2	8.3	−25 25	29	0.149
12		14 39.9	7.5	−24 56	33	0.149
20		14 32.4	6.4	−24 23	38	0.154
28		14 26.0	4.7	−23 45	35	0.163
Juni 5		14 21.3		−23 10		(0.381)

(222) Lucia 12.1 1910

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		14 56.0	6.4	−14 33	24	(0.436)
Mai 4	5	14 49.6	6.4	−14 9	23	0.233
12		14 43.2	5.9	−13 46	20	0.234
20		14 37.3	5.1	−13 26	16	0.238
28		14 32.2	3.9	−13 10	10	0.246
Juni 5		14 28.3		−13 0		(0.431)

(109) Felicitas 13.4 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		15 3.9	7.3	−25 5	17	(0.541)
Mai 4	6	14 56.6	7.4	−24 48	21	0.394
12		14 49.2	7.1	−24 27	26	0.395
20		14 42.1	6.4	−24 1	27	0.398
28		14 35.7	5.4	−23 34	27	0.405
Juni 5		14 30.3		−23 7		(0.543)

(70) Panopaea 10.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		15 13.8	8.1	−16 36	12	(0.386)
Mai 4	8	15 5.7	8.6	−16 48	11	0.149
12		14 57.1	8.4	−16 59	11	0.144
20		14 48.7	7.7	−17 10	12	0.144
28		14 41.0	6.3	−17 22	14	0.149
Juni 5		14 34.7		−17 36		(0.372)

(641) Agnes 15.1 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		15 14.9	8.2	−18 18	27	(0.397)
Mai 4	8	15 6.7	8.6	−17 51	30	0.173
12		14 58.1	8.3	−17 21	30	0.173
20		14 49.8	7.2	−16 51	27	0.178
28		14 42.6	5.9	−16 24	23	0.187
Juni 5		14 36.7		−16 1		(0.398)

(638) Moira 12.5 1911

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		15h 14m.1	6.5	− 5° 42′	18	(0.360)
Mai 4	8	15 7.6	7.0	− 5 24	9	0.112
12		15 0.6	6.5	− 5 15	—	0.113
20		14 54.1	5.7	− 5 15	12	0.119
28		14 48.4	4.5	− 5 27	22	0.129
Juni 5		14 43.9		− 5 49		(0.360)

(470) Kilia 12.3 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		15 15.8	6.7	− 7 37	58	(0.337)
Mai 4	9	15 9.1	6.9	− 6 39	50	0.070
12		15 2.2	6.5	− 5 49	40	0.072
20		14 55.7	5.6	− 5 9	27	0.079
28		14 50.1	4.1	− 4 42	11	0.091
Juni 5		14 46.0		− 4 31		(0.339)

(191) Kolga 12.4 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		15 15.3	6.0	− 2 30	42	(0.497)
Mai 4	9	15 9.3	6.2	− 1 48	36	0.333
12		15 3.1	6.0	− 1 12	27	0.334
20		14 57.1	5.4	− 0 45	17	0.338
28		14 51.7	4.6	− 0 28	7	0.345
Juni 5		14 47.1		− 0 21		(0.495)

(628) Christine 12.3 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		15 20.8	6.9	− 0 26	25	(0.413)
Mai 4	10	15 13.9	7.4	− 0 1	16	0.216
12		15 6.5	7.1	+ 0 15	3	0.206
20		14 59.4	6.4	+ 0 18	−9	0.210
28		14 53.0	5.5	+ 0 9	22	0.218
Juni 5		14 47.5		− 0 13		(0.410)

(19) Fortuna 10.6 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		15 31.1	7.2	−18 20	30	(0.448)
Mai 4	12	15 23.9	7.6	−17 50	33	0.255
12		15 16.3	7.7	−17 17	34	0.252
20		15 8.6	7.1	−16 43	32	0.253
28		15 1.5	6.1	−16 11	29	0.258
Juni 5		14 55.4		−15 42		(0.444)

(622) Esther 14.0 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
April 26		15 31.5	6.9	− 5 56	39	(0.476)
Mai 4	12	15 24.6	7.4	− 5 17	32	0.300
12		15 17.2	7.3	− 4 45	27	0.299
20		15 9.9	6.8	− 4 18	18	0.301
28		15 3.1	6.1	− 4 0	9	0.307
Juni 5		14 57.0		− 3 51		(0.472)

(732) [1912 *OR*] 12.8 1913

1916	α_{1925} (h m)		δ_{1925}		(log r) log Δ
April 26	15 30.7	6.0	− 3°44'	65	(0.371)
Mai 4	$_{12}$15 24.7	7.2	− 2 39	56	0.135
12	15 17.5	6.7	− 1 43	43	0.134
20	15 10.8	6.1	− 1 0	29	0.139
28	15 4.7	5.0	− 0 31	13	0.148
Juni 5	14 59.7		− 0 18		(0.371)

(598) Octavia 12.9 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 4	15 32.7	7.0	− 6 55	14	(0.519)
12	$_{14}$15 25.7	6.9	− 6 41	9	0.360
20	15 18.8	6.8	− 6 32	3	0.360
28	15 12.0	6.1	− 6 29	4	0.363
Juni 5	15 5.9	5.1	− 6 33	10	0.370
13	15 0.8		− 6 43		(0.511)

(85) Io 10.7 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 4	15 32.8	6.6	−10 24	66	(0.413)
12	$_{14}$15 26.2	6.8	− 9 18	62	0.196
20	15 19.4	6.5	− 8 16	54	c.194
28	15 12.9	5.6	− 7 22	44	0.196
Juni 5	15 7.3	4.4	− 6 38	32	0.203
13	15 2.9		− 6 6		(0.399)

(43) Ariadne 9.1 1914/15

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 4	15 35.3	7.4	−23 30	40	(0.285)
12	$_{14}$15 27.9	7.9	−22 50	49	9.958
20	15 20.0	7.3	−22 1	53	9.953
28	15 12.7	5.9	−21 8	50	9.955
Juni 5	15 6.8	3.9	−20 18	44	9.963
13	15 2.9		−19 34		(0.273)

(803) [1915 *WS*] 13.1 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 4	15 39.3	6.2	−23 48	36	(0.497)
12	$_{15}$15 33.1	6.3	−23 12	40	0.328
20	15 26.8	6.0	−22 32	43	0.331
28	15 20.8	5.3	−21 49	42	0.338
Juni 5	15 15.5	4.3	−21 7	39	0.347
13	15 11.2		−20 28		(0.496)

(269) Justitia 11.5 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 4	15 39.9	6.3	− 9 42	40	(0.335)
12	$_{15}$15 33.6	6.7	− 9 2	33	0.059
20	15 26.9	6.3	− 8 29	24	0.056
28	15 20.6	5.5	− 8 5	12	0.059
Juni 5	15 15.1	3.9	− 7 53	2	0.067
13	15 11.2		− 7 55		(0.323)

(38) Leda 11.9 1915

1916	α_{1925} (h m)		δ_{1925}		(log r) log Δ
Mai 4	15 43.9	7.4	−29°10'	25	(0.475)
12	$_{16}$15 36.5	7.6	−28 45	32	0.300
20	15 28.9	7.2	−28 13	38	0.301
28	15 21.7	6.4	−27 35	41	0.305
Juni 5	15 15.3	5.2	−26 54	40	0.314
13	15 10.1		−26 14		(0.481)

(127) Johanna 10.6 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 4	15 46.4	7.6	−24 52	0	(0.449)
12	$_{16}$15 38.8	7.8	−24 52	5	0.259
20	15 31.0	7.7	−24 47	9	0.259
28	15 23.3	6.8	−24 38	11	0.263
Juni 5	15 16.5	5.6	−24 27	12	0.272
13	15 10.9		−24 15		(0.453)

(648) Pippa 13.7 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 4	15 45.7	6.8	−31 38	22	(0.552)
12	$_{16}$15 38.9	6.8	−31 16	30	0.413
20	15 32.1	6.5	−30 46	35	0.414
28	15 25.6	5.9	−30 11	37	0.417
Juni 5	15 19.7	5.0	−29 34	40	0.424
13	15 14.7		−28 54		(0.559)

(237) Coelestina 12.5 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 4	15 49.8	7.0	−11 28	2	(0.420)
12	$_{17}$15 42.8	7.4	−11 26	1	0.210
20	15 35.4	7.3	−11 27	6	0.209
28	15 28.1	6.5	−11 33	12	0.212
Juni 5	15 21.6	5.4	−11 45	18	0.219
13	15 16.2		−12 3		(0.417)

(296) Phaëtusa 13.8 1902

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 4	15 53.2	8.1	−17 30	26	(0.391)
12	$_{17}$15 45.1	8.6	−17 4	27	0.159
20	15 36.5	8.5	−16 37	26	0.155
28	15 28.0	7.7	−16 11	23	0.156
Juni 5	15 20.3	6.4	−15 48	17	0.162
13	15 13.9		−15 31		(0.381)

(530) Turandot 12.3 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 4	15 49.3	5.8	− 7 50	23	(0.497)
12	$_{17}$15 43.5	6.2	− 7 27	18	0.328
20	15 37.3	6.1	− 7 9	13	0.325
28	15 31.2	5.6	− 6 56	5	0.326
Juni 5	15 25.6	4.9	− 6 51	3	0.331
13	15 20.7		− 6 54		(0.487)

*(**128**) Nemesis 11.1 1915

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	4		15ʰ 53.6ᵐ	6.8	−16° 42′	12	(0.478)
	12	18	15 46.8	7.3	−16 30	10	0.300
	20		15 39.5	7.2	−16 20	10	0.298
	28		15 32.3	6.6	−16 10	7	0.300
Juni	5		15 25.7	5.7	−16 3	5	0.305
	13		15 20.0		−15 58		(0.473)

(**765**) [1913 *SV*] 16.3 1913

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	4		15 55.6	7.7	−28 34	15	(0.503)
	12	18	15 47.9	8.0	−28 19	22	0.339
	20		15 39.9	7.9	−27 57	27	0.335
	28		15 32.0	7.5	−27 30	32	0.335
Juni	5		15 24.5	6.5	−26 58	33	0.336
	13		15 18.0		−26 25		(0.496)

(**275**) Sapientia 11.5 1913

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	4		15 57.2	6.7	−12 38	23	(0.405)
	12	19	15 50.5	7.0	−12 15	20	0.190
	20		15 43.5	6.8	−11 55	15	0.193
	28		15 36.7	6.1	−11 40	8	0.200
Juni	5		15 30.6	4.9	−11 32	0	0.211
	13		15 25.7		−11 32		(0.416)

(**3**) Juno 10.0 1915

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	4		15 57.0	6.3	− 3 40	38	(0.525)
	12	19	15 50.7	6.5	− 3 2	33	0.376
	20		15 44.2	6.5	− 2 29	24	0.376
	28		15 37.7	6.1	− 2 5	16	0.379
Juni	5		15 31.6	5.3	− 1 49	6	0.385
	13		15 26.3		− 1 43		(0.525)

(**248**) Lameia 12.6 1913

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	4		15 58.9	7.0	−22 5	36	(0.365)
	12	19	15 51.9	7.6	−21 29	41	0.117
	20		15 44.3	7.4	−20 48	42	0.114
	28		15 36.9	6.5	−20 6	40	0.117
Juni	5		15 30.4	5.4	−19 26	37	0.124
	13		15 25.0		−18 49		(0.364)

(**48**) Doris[1]) 11.2 1915

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	4		15 57.9	5.9	−13 12	31	(0.517)
	12	19	15 52.0	6.1	−12 41	28	0.360
	20		15 45.9	6.0	−12 13	26	0.359
	28		15 39.9	5.5	−11 47	21	0.362
Juni	5		15 34.4	4.9	−11 26	15	0.368
	13		15 29.5		−11 11		(0.518)

(**773**) [1913 *TV*] 12.2 1915

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	4		16ʰ 3.6ᵐ	8.2	−46° 30′	5	(0.434)
	12	19	15 55.4	9.0	−46 35	11	0.251
	20		15 46.4	8.9	−46 24	30	0.245
	28		15 37.5	8.3	−45 54	46	0.243
Juni	5		15 29.2	6.7	−45 8	58	0.245
	13		15 22.5		−44 10		(0.430)

(**418**) Alemannia 12.9 1915

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	12		15 56.0	7.3	−22 31	39	(0.445)
	20	20	15 48.7	7.4	−21 52	42	0.249
	28		15 41.3	6.9	−21 10	42	0.247
Juni	5		15 34.4	5.9	−20 28	41	0.251
	13		15 28.5	4.6	−19 47	36	0.259
	21		15 23.9		−19 11		(0.439)

(**76**) Freia 12.7 1915

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	12		15 56.4	5.9	−19 10	21	(0.590)
	20	20	15 50.5	5.8	−18 49	20	0.461
	28		15 44.7	5.4	−18 29	19	0.463
Juni	5		15 39.3	4.8	−18 10	18	0.468
	13		15 34.5	4.0	−17 52	15	0.475
	21		15 30.5		−17 37		(0.594)

(**99**) Dike 12.5 1915

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	12		16 1.0	8.9	−28 19	53	(0.330)
	20	20	15 52.1	9.1	−29 12	43	0.054
	28		15 43.0	8.6	−29 55	33	0.054
Juni	5		15 34.4	7.0	−30 28	24	0.065
	13		15 27.4	4.9	−30 52	18	0.079
	21		15 22.5		−31 10		(0.333)

(**231**) Vindobona 11.4 1912

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	12		16 0.1	7.3	−28 39	10	(0.395)
	20	21	15 52.8	7.3	−28 29	15	0.169
	28		15 45.5	6.8	−28 14	20	0.168
Juni	5		15 38.7	5.7	−27 54	24	0.173
	13		15 33.0	4.1	−27 30	24	0.182
	21		15 28.9		−27 6		(0.393)

(**366**) Vincentina 12.2 1915

1916			α_{1925}		δ_{1925}		(log r) log Δ
Mai	12		16 4.9	7.5	−36 5	3	(0.484)
	20	22	15 57.4	7.6	−36 2	12	0.313
	28		15 49.8	7.3	−35 50	21	0.312
Juni	5		15 42.5	6.3	−35 29	28	0.314
	13		15 36.2	5.0	−35 1	34	0.320
	21		15 31.2		−34 27		(0.481)

[1]) Korrektion der Ephemeride nach M. Shilow: +8.3ᵐ −17′

(443) Photographica 12.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16h 7.7m	8.0	−13° 56′	35	(0.340)
20	15 59.7	8.0	−13 21	31	0.074
28	[22] 15 51.7	7.5	−12 50	23	0.077
Juni 5	15 44.2	6.2	−12 27	15	0.086
13	15 38.0	4.5	−12 12	5	0.099
21	15 33.5		−12 7		(0.344)

(415) Palatia 13.0 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 6.5	6.5	−10 14	18	(0.560)
20	16 0.0	6.5	− 9 56	14	0.421
28	[22] 15 53.5	6.4	− 9 42	10	0.422
Juni 5	15 47.1	5.7	− 9 32	5	0.427
13	15 41.4	4.8	− 9 27	−1	0.434
21	15 36.6		− 9 28		(0.561)

(251) Sophia 14.1 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 8.3	6.0	− 6 0	24	(0.527)
20	16 2.3	6.0	− 5 36	18	0.376
28	[23] 15 56.3	5.8	− 5 18	11	0.378
Juni 5	15 50.5	5.1	− 5 7	3	0.384
13	15 45.4	4.3	− 5 4	−4	0.392
21	15 41.1		− 5 8		(0.529)

(567) Eleutheria 12.7 1913/14

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 10.1	7.0	−21 14	5	(0.465)
20	16 3.1	7.1	−21 19	4	0.281
28	[23] 15 56.0	6.8	−21 23	3	0.282
Juni 5	15 49.2	6.0	−21 26	4	0.288
13	15 43.2	4.9	−21 30	3	0.297
21	15 38.3		−21 33		(0.469)

(149) Medusa 12.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 13.9	8.5	−19 35	24	(0.365)
20	16 5.4	8.8	−19 11	26	0.116
28	[23] 15 56.6	8.4	−18 45	24	0.116
Juni 5	15 48.2	7.2	−18 21	21	0.121
13	15 41.0	5.5	−18 0	16	0.132
21	15 35.5		−17 44		(0.364)

(728) Leonisis 14.3 1912

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 19.3	8.4	−18 35	6	(0.354)
20	16 10.9	8.7	−18 29	6	0.099
28	[24] 16 2.2	8.3	−18 23	5	0.102
Juni 5	15 53.9	7.1	−18 18	1	0.110
13	15 46.8	5.4	−18 17	−2	0.123
21	15 41.4		−18 19		(0.362)

(558) Carmen 12.4 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16h 19.3m	6.2	− 8° 51′	21	(0.476)
20	16 13.1	6.6	− 8 30	15	0.301
28	[25] 16 6.5	6.4	− 8 15	8	0.302
Juni 5	16 0.1	5.7	− 8 7	1	0.306
13	15 54.4	4.8	− 8 6	−6	0.314
21	15 49.6		− 8 12		(0.478)

(675) Ludmilla 12.2 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 21.3	6.8	−26 33	28	(0.521)
20	16 14.5	7.3	−26 5	34	0.363
28	[25] 16 7.2	7.0	−25 31	37	0.362
Juni 5	16 0.2	6.5	−24 54	38	0.363
13	15 53.7	5.5	−24 16	38	0.368
21	15 48.2		−23 38		(0.518)

(695) Bella 11.3 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 30.3	7.8	−33 53	38	(0.418)
20	16 22.5	8.6	−33 15	50	0.208
28	[26] 16 13.9	8.5	−32 25	61	0.202
Juni 5	16 5.4	7.5	−31 24	67	0.200
13	15 57.9	6.3	−30 17	71	0.203
21	15 51.6		−29 6		(0.408)

(394) Arduina 12.7 1906

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 32.2	7.1	−20 55	4	(0.421)
20	16 25.1	7.8	−20 59	1	0.207
28	[27] 16 17.3	8.0	−21 0	1	0.200
Juni 5	16 9.3	7.4	−21 1	0	0.197
13	16 1.9	6.5	−21 1	2	0.199
21	15 55.4		−21 3		(0.405)

(72) Feronia 10.7 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 33.5	7.0	−16 31	50	(0.329)
20	16 26.5	7.8	−15 41	46	0.049
28	[27] 16 18.7	7.8	−14 55	41	0.043
Juni 5	16 10.9	7.1	−14 14	34	0.043
13	16 3.8	5.7	−13 40	24	0.049
21	15 58.1		−13 16		(0.319)

(242) Kriemhild 12.9 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 32.1	6.3	−12 17	42	(0.478)
20	16 25.8	6.6	−11 35	38	0.305
28	[27] 16 19.2	6.5	−10 57	32	0.306
Juni 5	16 12.7	5.9	−10 25	26	0.310
13	16 6.8	5.1	− 9 59	19	0.318
21	16 1.7		− 9 40		(0.484)

(674) Rachel 11.5 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16h 33.7m	7.1	−23° 59′	10	(0.526)
20	28 16 26.6	7.6	−24 9	7	0.374
28	16 19.0	7.4	−24 16	5	0.374
Juni 5	16 11.6	6.9	−24 21	2	0.377
13	16 4.7	6.2	−24 23	1	0.383
21	15 58.5		−24 24		(0.531)

(553) Kundry 14.3 1905

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 37.1	8.4	−20 41	1	(0.391)
20	28 16 28.7	9.0	−20 40	3	0.164
28	16 19.7	9.0	−20 37	4	0.162
Juni 5	16 10.7	8.2	−20 33	4	0.164
13	16 2.5	6.9	−20 29	3	0.172
21	15 55.6		−20 26		(0.392)

(562) Salome 12.8 1912

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 12	16 33.7	6.6	−19 34	11	(0.472)
20	28 16 27.1	7.3	−19 45	9	0.291
28	16 19.8	7.3	−19 54	11	0.288
Juni 5	16 12.5	6.8	−20 5	11	0.288
13	16 5.7	6.0	−20 16	11	0.292
21	15 59.7		−20 27		(0.467)

(792) [1907 *ZC*] 13.1 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 20	16 32.9	7.8	−26 32	38	(0.439)
28	29 16 25.1	7.7	−25 54	41	0.241
Juni 5	16 17.4	7.0	−25 13	44	0.245
13	16 10.4	6.0	−24 29	43	0.253
21	16 4.4	4.5	−23 46	39	0.264
29	15 59.9		−23 7		(0.446)

(402) Chloë 10.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 20	16 32.6	7.4	− 4 8	4	(0.410)
28	29 16 25.2	7.3	− 4 4	8	0.205
Juni 5	16 17.9	6.8	− 4 12	18	0.210
13	16 11.1	5.7	− 4 30	28	0.219
21	16 5.4	4.4	− 4 58	37	0.232
29	16 1.0		− 5 35		(0.419)

(94) Aurora 11.7 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 20	16 36.6	7.1	−32 23	3	(0.536)
28	30 16 29.5	7.1	−32 20	9	0.390
Juni 5	16 22.4	6.9	−32 11	15	0.386
13	16 15.5	6.1	−31 56	19	0.386
21	16 9.4	5.0	−31 37	21	0.390
29	16 4.4		−31 16		(0.535)

(485) Genua 12.2 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 20	16h 47.3m	6.6	− 6° 7′	35	(0.497)
28	1 16 40.7	6.6	− 5 32	27	0.336
Juni 5	16 34.1	6.4	− 5 5	18	0.339
13	16 27.7	5.7	− 4 47	10	0.345
21	16 22.0	4.9	− 4 37	0	0.354
29	16 17.1		− 4 37		(0.503)

(276) Adelheid 12.0 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 20	16 49.8	6.0	− 3 34	53	(0.510)
28	1 16 43.8	6.1	− 2 41	44	0.355
Juni 5	16 37.7	5.9	− 1 57	34	0.357
13	16 31.8	5.3	− 1 23	23	0.363
21	16 26.5	4.5	− 1 0	13	0.371
29	16 22.0		− 0 47		(0.513)

(519) Sylvania 11.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 20	17 0.3	7.9	−30 10	25	(0.437)
28	3 16 52.4	8.5	−30 35	19	0.234
Juni 5	16 43.9	8.5	−30 54	12	0.229
13	16 35.4	8.0	−31 6	6	0.228
21	16 27.4	6.7	−31 12	1	0.231
29	16 20.7		−31 13		(0.424)

(388) Charybdis 11.5 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 20	16 59.6	7.1	−32 12	2	(0.466)
28	3 16 52.5	7.6	−32 14	6	0.284
Juni 5	16 44.9	7.4	−32 8	12	0.282
13	16 37.5	6.9	−31 56	18	0.283
21	16 30.6	5.7	−31 38	22	0.288
29	16 24.9		−31 16		(0.463)

***(103) Hera** 10.0 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 20	16 58.9	6.8	−14 41	11	(0.419)
28	3 16 52.1	7.2	−14 30	7	0.209
Juni 5	16 44.9	7.1	−14 23	3	0.206
13	16 37.8	6.4	−14 20	2	0.208
21	16 31.4	5.4	−14 22	8	0.214
29	16 26.0		−14 30		(0.415)

(289) Nenetta 13.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Mai 20	16 59.1	6.4	−13 37	23	(0.486)
28	3 16 52.7	6.9	−13 14	20	0.311
Juni 5	16 45.8	6.8	−12 54	16	0.307
13	16 39.0	6.4	−12 38	11	0.307
21	16 32.6	5.5	−12 27	5	0.311
29	16 27.1		−12 22		(0.475)

(207) Hedda 11.7 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 20		17h 2m.8	8.3	−27° 14′	6	(9.348)
28	3	16 54.5	9.0	−27 20	—	0.087
Juni 5		16 45.5	8.8	−27 20	6	0.085
13		16 36.7	7.8	−27 14	11	0.089
21		16 28.9	6.2	−27 3	13	0.098
29		16 22.7		−26 50		(0.349)

(258) Tyche 11.2 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 20		17 2.1	6.8	− 7 47	55	(0.432)
28	4	16 55.3	7.2	− 6 52	48	0.230
Juni 5		16 48.1	7.2	− 6 4	39	0.225
13		16 40.9	6.7	− 5 25	28	0.225
21		16 34.2	5.7	− 4 57	16	0.228
29		16 28.5		− 4 41		(0.418)

(61) Danae 10.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 20		17 10.9	8.8	−49 43	13	(0.463)
28	5	17 2.1	9.6	−49 56	5	0.293
Juni 5		16 52.5	9.7	−49 51	22	0.287
13		16 42.8	8.9	−49 29	38	0.284
21		16 33.9	7.6	−48 51	51	0.285
29		16 26.3		−48 0		(0.453)

(721) Tabora 14.4 1911

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 4.9	6.4	−29 12	4	(0.583)
Juni 5	6	16 58.5	6.4	−29 16	—	0.449
13		16 52.1	6.2	−29 16	3	0.449
21		16 45.9	5.5	−29 13	6	0.452
29		16 40.4	4.7	−29 7	8	0.457
Juli 7		16 35.7		−28 59		(0.580)

(483) Seppina 12.4 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 12.2	5.5	+ 2 51	22	(0.524)
Juni 5	8	17 6.7	5.6	+ 3 13	11	0.380
13		17 1.1	5.4	+ 3 24	1	0.381
21		16 55.7	4.8	+ 3 23	12	0.384
29		16 50.9	4.0	+ 3 11	23	0.391
Juli 7		16 46.9		+ 2 48		(0.522)

(494) Virtus 11.9 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 18.1	7.4	−29 46	12	(0.447)
Juni 5	8	17 10.7	7.6	−29 58	6	0.253
13		17 3.1	7.4	−30 4	1	0.253
21		16 55.7	6.4	−30 5	3	0.257
29		16 49.3	5.1	−30 2	6	0.266
Juli 7		16 44.2		−29 56		(0.448)

(408) Fama 13.9 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17h 18m.0	6.9	−31° 47′	14	(0.544)
Juni 5	8	17 11.1	7.1	−31 33	19	0.397
13		17 4.0	6.8	−31 14	24	0.395
21		16 57.2	6.1	−30 50	28	0.397
29		16 51.1	5.2	−30 22	29	0.402
Juli 7		16 45.9		−29 53		(0.540)

(804) Hispania 10.9 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 21.8	9.3	−47 12	13	(0.429)
Juni 5	9	17 12.5	9.8	−47 25	5	0.236
13		17 2.7	9.3	−47 20	21	0.233
21		16 53.4	8.2	−46 59	37	0.233
29		16 45.2	6.7	−46 22	49	0.237
Juli 7		16 38.5		−45 33		(0.421)

(136) Austria 11.0 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 20.3	7.3	− 6 56	38	(0.340)
Juni 5	9	17 13.0	7.7	− 6 18	25	0.075
13		17 5.3	7.4	− 5 53	12	0.073
21		16 57.9	6.3	− 5 41	2	0.077
29		16 51.6	4.9	− 5 43	16	0.086
Juli 7		16 46.7		− 5 59		(0.333)

(507) Laodica 12.8 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 20.3	7.0	−31 35	16	(0.526)
Juni 5	9	17 13.3	7.1	−31 19	22	0.370
13		17 6.2	6.9	−30 57	26	0.369
21		16 59.3	6.2	−30 31	30	0.371
29		16 53.1	5.1	−30 1	31	0.376
Juli 7		16 48.0		−29 30		(0.522)

(332) Siri 12.3 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 24.9	7.4	−26 25	2	(0.426)
Juni 5	10	17 17.5	7.7	−26 27	1	0.216
13		17 9.8	7.5	−26 26	5	0.210
21		17 2.3	6.8	−26 21	8	0.216
29		16 55.5	5.4	−26 13	9	0.223
Juli 7		16 50.1		−26 4		(0.420)

(459) Signe 14.5 1900

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 27.8	8.3	−34 39	16	(0.488)
Juni 5	10	17 19.5	8.9	−34 55	8	0.316
13		17 10.6	8.7	−35 3	1	0.313
21		17 1.9	8.0	−35 2	8	0.314
29		16 53.9	6.9	−34 54	14	0.318
Juli 7		16 47.0		−34 40		(0.480)

(778) [1914 *UA*] 15.3 1914

1916		α_{1925} (h m)		δ_{1925}		(log r) log Δ
Mai 28		17 29.9	7.2	−39° 16′	3	(0.603)
Juni 5	11	17 22.7	7.5	−39 13	12	0.482
13		17 15.2	7.3	−39 1	18	0.483
21		17 7.9	6.7	−38 43	25	0.488
29		17 1.2	5.9	−38 18	29	0.495
Juli 7		16 55.3		−37 49		(0.605)

(320) Katharina 13.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 34.0	6.2	−15 0	27	(0.491)
Juni 5	12	17 27.8	6.6	−14 33	24	0.319
13		17 21.2	6.5	−14 9	20	0.316
21		17 14.7	6.1	−13 49	16	0.317
29		17 8.6	5.3	−13 33	11	0.321
Juli 7		17 3.3		−13 22		(0.484)

(110) Lydia 10.3 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 37.1	7.3	−26 44	16	(0.428)
Juni 5	12	17 29.8	7.8	−27 0	12	0.222
13		17 22.0	7.9	−27 12	8	0.218
21		17 14.1	7.3	−27 20	4	0.219
29		17 6.8	6.1	−27 24	2	0.224
Juli 7		17 0.7		−27 26		(0.423)

(651) Antikleia 13.8 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 40.0	7.1	−33 34	22	(0.503)
Juni 5	13	17 32.9	7.8	−33 56	15	0.340
13		17 25.1	7.7	−34 11	7	0.341
21		17 17.4	7.4	−34 18	2	0.342
29		17 10.0	6.4	−34 20	$\overline{6}$	0.342
Juli 7		17 3.6		−34 14		(0.499)

(618) Elfriede 12.4 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Mai 28		17 41.2	6.1	−10 1	17	(0.502)
Juni 5	13	17 35.1	6.5	−10 18	23	0.339
13		17 28.6	6.6	−10 41	28	0.336
21		17 22.0	6.2	−11 9	34	0.337
29		17 15.8	5.5	−11 43	38	0.341
Juli 7		17 10.3		−12 21		(0.499)

(81) Terpsichore 12.6 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 5		17 41.7	7.9	−34 33	4	(0.519)
13	14	17 33.8	8.0	−34 37	$\overline{4}$	0.360
21		17 25.8	7.7	−34 33	11	0.360
29		17 18.1	6.9	−34 22	16	0.362
Juli 7		17 11.2	5.7	−34 6	21	0.368
15		17 5.5		−33 45		(0.512)

(715) Transvaalia 12.8 1911

1916		α_{1925} (h m)		δ_{1925}		(log r) log Δ
Juni 5		17 42.6	8.8	−36° 26′	35	(0.443)
13	14	17 33.8	8.9	−37 1	23	0.249
21		17 24.9	8.5	−37 24	13	0.249
29		17 16.4	7.6	−37 37	4	0.253
Juli 7		17 8.8	6.0	−37 41	$\overline{5}$	0.261
15		17 2.8		−37 36		(0.439)

(806) [1915 *WX*] 13.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 5		17 49.2	7.6	−36 2	23	(0.523)
13	16	17 41.6	7.8	−36 25	16	0.370
21		17 33.8	7.4	−36 41	7	0.372
29		17 26.4	6.7	−36 48	—	0.377
Juli 7		17 19.7	5.5	−36 48	5	0.385
15		17 14.2		−36 43		(0.527)

(734) [1912 *PH*] 13.8 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 5		18 1.2	6.8	−31 33	6	(0.536)
13	19	17 54.4	7.1	−31 39	1	0.385
21		17 47.3	7.1	−31 40	$\overline{4}$	0.384
29		17 40.2	6.4	−31 36	9	0.386
Juli 7		17 33.8	5.5	−31 27	13	0.392
15		17 28.3		−31 14		(0.534)

(717) [1911 *MJ*] 13.8 1911

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 5		18 2.0	6.8	−26 1	0	(0.486)
13	19	17 55.2	7.2	−26 1	0	0.308
21		17 48.0	7.3	−26 1	5	0.303
29		17 40.7	6.7	−25 56	6	0.301
Juli 7		17 34.0	5.9	−25 50	8	0.303
15		17 28.1		−25 42		(0.471)

(523) Ada 13.7 1913/14

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 5		18 3.6	6.6	−23 3	7	(0.543)
13	19	17 57.0	6.9	−22 56	9	0.394
21		17 50.1	6.7	−22 47	9	0.394
29		17 43.4	6.3	−22 38	9	0.396
Juli 7		17 37.1	5.4	−22 29	9	0.401
15		17 31.7		−22 20		(0.543)

(780) [1914 *UC*] 12.7 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 5		18 3.7	5.9	+ 0 35	5	(0.494)
13	19	17 57.8	6.2	+ 0 30	16	0.334
21		17 51.6	6.1	+ 0 14	27	0.332
29		17 45.5	5.8	− 0 13	39	0.333
Juli 7		17 39.7	5.0	− 0 52	47	0.336
15		17 34.7		− 1 39		(0.489)

(223) Rosa 13.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 5	18h 8.9m	6.4	−25° 9'	4	(0.536)
13	[20] 18 2.5	6.8	−25 13	3	0.386
21	17 55.7	6.8	−25 16	1	0.385
29	17 48.9	6.3	−25 17	— 1	0.385
Juli 7	17 42.6	5.5	−25 16	3	0.393
15	17 37.1		−25 13		(0.538)

(526) Jena 13.5 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 5	18 8.9	6.2	−21 5	2	(0.528)
13	[20] 18 2.7	6.7	−21 7	2	0.375
21	17 56.0	6.5	−21 9	2	0.375
29	17 49.5	6.1	−21 11	3	0.378
Juli 7	17 43.4	5.4	−21 14	2	0.385
15	17 38.0		−21 16		(0.533)

*(**29**) Amphitrite 9.4 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 13	18 7.5	8.6	−33 6	4	(0.434)
21	[21] 17 58.9	8.7	−33 10	— 5	0.231
29	17 50.2	7.9	−33 5	13	0.233
Juli 7	17 42.3	6.8	−32 52	18	0.238
15	17 35.5	5.1	−32 34	21	0.248
23	17 30.4		−32 13		(0.431)

(389) Industria 11.0 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 13	18 14.1	8.0	−26 38	23	(0.411)
21	[22] 18 6.1	8.1	−26 15	26	0.195
29	17 58.0	7.4	−25 49	29	0.198
Juli 7	17 50.6	6.3	−25 20	30	0.206
15	17 44.3	4.6	−24 50	29	0.218
23	17 39.7		−24 21		(0.416)

(593) Titania 13.4 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 13	18 15.6	8.0	−29 20	34	(0.512)
21	[22] 18 7.6	8.3	−29 54	28	0.351
29	17 59.3	7.9	−30 22	23	0.353
Juli 7	17 51.4	7.1	−30 45	17	0.358
15	17 44.3	5.9	−31 2	14	0.367
23	17 38.4		−31 16		(0.514)

(329) Svea 12.1 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 13	18 14.9	7.0	+ 3 15	11	(0.386)
21	[22] 18 7.9	7.2	+ 3 26	— 10	0.171
29	18 0.7	6.6	+ 3 16	27	0.173
Juli 7	17 54.1	5.7	+ 2 49	43	0.178
15	17 48.4	4.3	+ 2 6	55	0.188
23	17 44.1		+ 1 11		(0.388)

(807) [1915 *WV*] 13.6 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 13	18h 17.6m	6.5	−12° 19'	17	(0.497)
21	[23] 18 11.1	6.6	−12 36	21	0.330
29	18 4.5	6.2	−12 57	26	0.331
Juli 7	17 58.3	5.5	−13 23	28	0.336
15	17 52.8	4.6	−13 51	26	0.344
23	17 48.2		−14 17		(0.498)

(610) Valeska 15.6 1906

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 13	18 20.2	8.5	−41 5	23	(0.486)
21	[23] 18 11.7	8.7	−41 28	11	0.314
29	18 3.0	8.5	−41 39	—	0.310
Juli 7	17 54.5	7.5	−41 39	10	0.311
15	17 47.0	6.3	−41 29	21	0.315
23	17 40.7		−41 8		(0.472)

(49) Pales 11.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 13	18 19.0	6.9	−24 45	3	(0.527)
21	[23] 18 12.1	7.0	−24 42	4	0.368
29	18 5.1	6.8	−24 38	5	0.366
Juli 7	17 58.3	6.2	−24 33	8	0.368
15	17 52.1	5.3	−24 25	8	0.372
23	17 46.8		−24 17		(0.517)

(234) Barbara 10.7 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 13	18 22.2	6.9	+ 1 5	23	(0.311)
21	[24] 18 15.3	7.6	+ 0 42	46	0.023
29	18 7.7	7.3	− 0 4	68	0.014
Juli 7	18 0.4	6.4	− 1 12	88	0.010
15	17 54.0	4.9	− 2 40	103	0.012
23	17 49.1		− 4 23		(0.290)

(805) [1915 *WW*] 12.7 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 13	18 27.8	5.9	+ 0 20	2	(0.474)
21	[25] 18 21.9	6.2	+ 0 22	— 10	0.304
29	18 15.7	6.0	+ 0 12	22	0.303
Juli 7	18 9.7	5.4	− 0 10	34	0.305
15	18 4.3	4.5	− 0 44	42	0.310
23	17 59.8		− 1 26		(0.471)

(623) Chimaera 13.3 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juni 13	18 33.6	9.3	−36 52	16	(0.435)
21	[26] 18 24.3	9.7	−36 36	28	0.237
29	18 14.6	9.3	−36 8	37	0.235
Juli 7	18 5.3	8.2	−35 31	46	0.239
15	17 57.1	6.6	−34 45	51	0.246
23	17 50.5		−33 54		(0.432)

(108) Hecuba 11.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 13		18ʰ 31ᵐ.4	6.8	−29° 28′	6	(0.515)
21	26	18 24.6	7.0	−29 34	2	0.356
29		18 17.6	6.8	−29 36	—3	0.358
Juli 7		18 10.8	6.1	−29 33	7	0.362
15		18 4.7	5.2	−29 26	10	0.370
23		17 59.5		−29 16		(0.520)

(666) Desdemona 13.7 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 13		18 41.3	6.8	−12 59	16	(0.431)
21	28	18 34.5	7.8	−12 43	10	0.224
29		18 26.7	7.8	−12 33	4	0.217
Juli 7		18 18.9	7.4	−12 29	—1	0.215
15		18 11.5	6.4	−12 30	7	0.217
23		18 5.1		−12 37		(0.414)

(512) Taurinensis 11.8 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 13		18 44.5	7.5	−18 17	51	(0.298)
21	28	18 37.0	8.6	−19 8	59	9.979
29		18 28.4	9.3	−20 7	62	9.965
Juli 7		18 19.1	8.5	−21 9	64	9.958
15		18 10.6	7.1	−22 13	63	9.958
23		18 3.5		−23 16		(0.272)

(655) Briseïs 12.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 13		18 45.2	6.2	−17 31	13	(0.499)
21	29	18 39.0	6.7	−17 44	16	0.332
29		18 32.3	6.7	−18 0	17	0.329
Juli 7		18 25.6	6.3	−18 17	19	0.330
15		18 19.3	5.6	−18 36	19	0.334
23		18 13.7		−18 55		(0.496)

***(471) Papagena** 10.2 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 21		18 45.5	7.6	−27 50	40	(0.490)
29	30	18 37.9	7.8	−28 30	37	0.313
Juli 7		18 30.1	7.7	−29 7	32	0.312
15		18 22.4	6.9	−29 39	27	0.314
23		18 15.5	5.6	−30 6	21	0.319
31		18 9.9		−30 27		(0.477)

(116) Sirona 11.1 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 21		18 47.0	7.6	−25 56	15	(0.467)
29	30	18 39.4	7.6	−26 11	13	0.285
Juli 7		18 31.8	7.1	−26 24	9	0.289
15		18 24.7	6.2	−26 33	5	0.296
23		18 18.5	4.8	−26 38	2	0.307
31		18 13.7		−26 40		(0.474)

(698) Ernestine 14.3 1910

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 21		18ʰ 50ᵐ.2	8.1	−37° 5′	26	(0.490)
29	30	18 42.1	8.3	−37 31	15	0.323
Juli 7		18 33.8	7.8	−37 46	5	0.326
15		18 26.0	6.8	−37 51	—2	0.332
23		18 19.2	5.4	−37 49	9	0.342
31		18 13.8		−37 40		(0.494)

(412) Elisabetha 11.9 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 21		18 51.5	7.2	−19 24	47	(0.437)
29	1	18 44.3	7.5	−20 11	47	0.236
Juli 7		18 36.8	7.1	−20 58	46	0.238
15		18 29.7	6.2	−21 44	44	0.244
23		18 23.5	4.9	−22 28	41	0.254
31		18 18.6		−23 9		(0.439)

(148) Gallia 11.3 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 21		18 52.5	6.6	+ 5 2	30	(0.470)
29	1	18 45.9	7.0	+ 4 32	45	0.301
Juli 7		18 38.9	6.8	+ 3 47	60	0.297
15		18 32.1	6.2	+ 2 47	71	0.297
23		18 25.9	5.1	+ 1 36	81	0.300
31		18 20.8		+ 0 15		(0.460)

(676) Melitta 12.0 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 21		18 52.2	6.1	− 7 6	20	(0.450)
29	2	18 46.1	6.4	− 7 26	30	0.260
Juli 7		18 39.7	6.1	− 7 56	37	0.258
15		18 33.6	5.4	− 8 33	44	0.260
23		18 28.2	4.4	− 9 17	48	0.266
31		18 23.8		−10 5		(0.444)

(771) Libera 14.5 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 21		18 54.1	6.9	− 3 54	13	(0.513)
29	2	18 47.2	6.9	− 3 41	4	0.357
Juli 7		18 40.3	6.8	− 3 37	—4	0.356
15		18 33.5	6.2	− 3 41	12	0.358
23		18 27.3	5.3	− 3 53	19	0.364
31		18 22.0		− 4 12		(0.508)

(632) Pyrrha 13.4 1907

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 21		18 58.6	7.3	−26 53	9	(0.342)
29	2	18 51.3	7.8	−27 2	6	0.076
Juli 7		18 43.5	7.0	−27 8	—1	0.080
15		18 36.5	5.9	−27 7	5	0.090
23		18 30.6	3.9	−27 2	10	0.104
31		18 26.7		−26 52		(0.352)

(799) [1915 *WO*] 12.8 1915

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 21		19h 6.4m	7.2	−14° 48′	12	(0.408)
29	4	18 59.2	7.4	−15 0	18	0.190
Juli 7		18 51.8	7.4	−15 18	21	0.188
15		18 44.4	6.6	−15 39	24	0.192
23		18 37.8	5.3	−16 3	26	0.200
31		18 32.5		−16 29		(0.407)

(775) [1914 *TX*] 14.4 1914

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 21		19 13.7	6.8	−25 32	0	(0.537)
29	6	19 6.9	7.0	−25 32	2	0.387
Juli 7		18 59.9	7.0	−25 30	4	0.386
15		18 52.9	6.6	−25 26	6	0.388
23		18 46.3	5.6	−25 20	10	0.393
31		18 40.7		−25 10		(0.537)

(404) Arsinoë 12.5 1912

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 21		19 19.0	7.7	−25 23	75	(0.365)
29	6	19 11.3	8.2	−26 38	70	0.122
Juli 7		19 3.1	8.1	−27 48	62	0.126
15		18 55.0	7.3	−28 50	52	0.135
23		18 47.7	5.8	−29 42	43	0.149
31		18 41.9		−30 25		(0.380)

*(**21**) Lutetia 9.3 1915

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 29		19 13.7	7.6	−24 39	29	(0.329)
Juli 7	7	19 6.1	7.9	−25 8	26	0.044
15		18 58.2	7.3	−25 34	22	0.044
23		18 50.9	5.8	−25 56	15	0.049
31		18 45.1	3.8	−26 11	9	0.060
Aug. 8		18 41.3		−26 20		(0.320)

(703) Noëmi 14.0 1913

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 29		19 18.2	8.6	−17 58	10	(0.344)
Juli 7	7	19 9.6	8.9	−18 8	11	0.071
15		19 0.7	8.4	−18 19	13	0.069
23		18 52.3	7.0	−18 32	13	0.072
31		18 45.3	5.3	−18 45	12	0.081
Aug. 8		18 40.0		−18 57		(0.331)

(327) Columbia 12.6 1915

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 29		19 17.9	8.0	−33 26	10	(0.416)
Juli 7	7	19 9.9	8.2	−33 36	2	0.204
15		19 1.7	7.5	−33 34	10	0.207
23		18 54.2	6.3	−33 24	18	0.213
31		18 47.9	4.6	−33 6	23	0.224
Aug. 8		18 43.3		−32 43		(0.415)

(313) Chaldaea 11.1 1915

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 29		19h 21.0m	7.5	− 4° 53′	19	(0.440)
Juli 7	8	19 13.5	7.6	− 5 12	28	0.248
15		19 5.9	7.2	− 5 40	36	0.250
23		18 58.7	6.2	− 6 16	42	0.256
31		18 52.5	5.0	− 6 58	47	0.266
Aug. 8		18 47.5		− 7 45		(0.444)

(348) May 13.3 1915

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 29		19 22.7	6.9	−25 40	34	(0.500)
Juli 7	9	19 15.8	7.1	−26 14	30	0.332
15		19 8.7	6.7	−26 44	27	0.333
23		19 2.0	6.0	−27 11	22	0.338
31		18 56.0	5.0	−27 33	17	0.346
Aug. 8		18 51.0		−27 50		(0.499)

(654) Zelinda 12.1 1915

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 29		19 30.1	8.9	−17 39	28	(0.440)
Juli 7	10	19 21.2	9.3	−17 11	26	0.243
15		19 11.9	8.8	−16 45	24	0.246
23		19 3.1	7.7	−16 21	22	0.253
31		18 55.4	6.4	−15 59	19	0.264
Aug. 8		18 49.0		−15 40		(0.446)

(777) [1914 *TZ*] 14.2 1914

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 29		19 31.3	6.8	−21 41	9	(0.533)
Juli 7	11	19 24.5	6.9	−21 32	10	0.381
15		19 17.6	6.5	−21 22	10	0.383
23		19 11.1	5.9	−21 12	12	0.388
31		19 5.2	4.9	−21 0	12	0.397
Aug. 8		19 0.3		−20 48		(0.539)

(345) Tercidina 11.6 1915

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 29		19 33.6	7.5	− 5 49	4	(0.389)
Juli 7	11	19 26.1	7.9	− 5 45	7	0.164
15		19 18.2	7.6	− 5 52	18	0.163
23		19 10.6	6.8	− 6 10	26	0.166
31		19 3.8	5.4	− 6 36	33	0.174
Aug. 8		18 58.4		− 7 9		(0.387)

(423) Diotima 11.0 1915

1916		α_{1925}	Diff.	δ_{1925}	Diff.	(log *r*) log Δ
Juni 29		19 33.0	7.0	−31 45	40	(0.473)
Juli 7	11	19 26.0	7.3	−32 25	34	0.294
15		19 18.7	7.1	−32 59	26	0.295
23		19 11.6	6.3	−33 25	18	0.300
31		19 5.3	5.2	−33 43	9	0.308
Aug. 8		19 0.1		−33 52		(0.474)

(763) [1913 *ST*] 14.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 29		19ʰ 39.2ᵐ	8.4	−22° 2′	0	(0.339)
Juli 7	12	19 30.8	9.1	−22 2	1	0.063
15		19 21.7	8.8	−22 1	5	0.057
23		19 12.9	8.0	−21 56	6	0.057
31		19 4.9	6.3	−21 50	8	0.062
Aug. 8		18 58.6		−21 42		(0.324)

(801) [1915 *WQ*] 14.2 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 29		19 37.0	6.6	+ 0 1	10	(0.435)
Juli 7	12	19 30.4	6.9	− 0 9	23	0.246
15		19 23.5	6.7	− 0 32	35	0.245
23		19 16.8	6.1	− 1 7	45	0.249
31		19 10.7	5.0	− 1 52	53	0.250
Aug. 8		19 5.7		− 2 45		(0.439)

(79) Eurynome 10.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 29		19 47.1	7.2	−13 41	8	(0.411)
Juli 7	14	19 39.9	7.8	−13 49	14	0.192
15		19 32.1	8.0	−14 3	18	0.186
23		19 24.1	7.4	−14 21	21	0.184
31		19 16.7	6.4	−14 42	22	0.187
Aug. 8		19 10.3		−15 4		(0.397)

(324) Bamberga 8.8 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 29		19 50.8	8.6	−34 38	2	(0.362)
Juli 7	14	19 42.2	9.6	−34 40	10	0.106
15		19 32.6	9.8	−34 30	23	0.094
23		19 22.8	9.1	−34 7	38	0.088
31		19 13.7	7.5	−33 29	51	0.088
Aug. 8		19 6.2		−32 38		(0.334)

(781) [1914 *UF*] 12.7 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 29		19 47.3	5.5	− 6 51	45	(0.474)
Juli 7	14	19 41.8	5.9	− 7 36	52	0.300
15		19 35.9	5.9	− 8 28	60	0.298
23		19 30.0	5.6	− 9 28	64	0.299
31		19 24.4	4.7	−10 32	66	0.305
Aug. 8		19 19.7		−11 38		(0.476)

(549) Jessonda 14.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 29		19 50.7	6.8	−21 15	10	(0.516)
Juli 7	14	19 43.9	7.5	−21 25	12	0.351
15		19 36.4	7.5	−21 37	9	0.351
23		19 28.9	7.1	−21 46	8	0.352
31		19 21.8	6.3	−21 54	5	0.355
Aug. 8		19 15.5		−21 59		(0.509)

(582) Olympia 13.8 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 29		19ʰ 49.6ᵐ	6.4	+ 9° 5′	30	(0.505)
Juli 7	14	19 43.2	6.7	+ 8 35	45	0.361
15		19 36.5	6.8	+ 7 50	58	0.357
23		19 29.7	6.5	+ 6 52	72	0.355
31		19 23.2	5.7	+ 5 40	80	0.358
Aug. 8		19 17.5		+ 4 20		(0.504)

(338) Budrosa 12.1 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 29		19 52.5	6.6	−20 45	2	(0.467)
Juli 7	15	19 45.9	7.2	−20 47	2	0.283
15		19 38.7	7.1	−20 49	1	0.281
23		19 31.6	6.6	−20 50	–	0.283
31		19 25.0	5.8	−20 50	1	0.288
Aug. 8		19 19.2		−20 49		(0.465)

(141) Lumen 11.0 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juni 29		19 55.1	8.2	−31 30	4	(0.400)
Juli 7	15	19 46.9	9.0	−21 26	13	0.174
15		19 37.9	9.1	−31 13	23	0.167
23		19 28.8	8.5	−30 50	31	0.165
31		19 20.3	7.1	−30 19	39	0.168
Aug. 8		19 13.2		−29 40		(0.384)

(311) Claudia 13.0 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 7		19 47.5	7.1	−23 41	24	(0.465)
15	15	19 40.4	7.0	−24 5	22	0.280
23		19 33.4	6.6	−24 27	19	0.282
31		19 26.8	5.6	−24 46	14	0.289
Aug. 8		19 21.2	4.4	−25 0	9	0.299
16		19 16.8		−25 9		(0.466)

(176) Iduna 11.9 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 7		19 56.9	5.7	+12 36	1	(0.483)
15	17	19 51.2	6.0	+12 37	15	0.328
23		19 45.2	5.8	+12 22	32	0.324
31		19 39.4	5.3	+11 50	46	0.322
Aug. 8		19 34.1	4.4	+11 4	58	0.324
16		19 29.7		+10 6		(0.473)

(270) Anahita 10.1 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 7		20 1.0	7.6	−17 30	6	(0.286)
15	18	19 53.4	8.1	−17 36	8	9.958
23		19 45.3	7.5	−17 44	10	9.955
31		19 37.8	6.4	−17 54	10	9.958
Aug. 8		19 31.4	4.3	−18 4	8	9.968
16		19 27.1		−18 12		(0.277)

(529) Preziosa 13.1 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 7		20 h 1.3 m	7.1	−32° 40'	39	(0.491)
15	18	19 54.2	7.3	−33 19	33	0.319
23		19 46.9	7.2	−33 52	23	0.319
31		19 39.7	6.6	−34 15	15	0.323
Aug. 8		19 33.1	5.2	−34 30	5	0.330
16		19 27.9		−34 35		(0.485)

(290) Bruna 15.4 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 7		20 11.2	12.3	−53 39	22	(0.469)
15	19	19 58.9	12.8	−54 1	2	0.310
23		19 46.1	12.0	−54 3	19	0.312
31		19 34.1	10.4	−53 44	39	0.319
Aug. 8		19 23.7	8.2	−53 5	53	0.327
16		19 15.5		−52 12		(0.470)

(426) Hippo 11.7 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 7		20 8.3	8.6	−30 10	16	(0.478)
15	19	19 59.7	8.6	−29 54	23	0.302
23		19 51.1	8.2	−29 31	29	0.305
31		19 42.9	7.3	−29 2	35	0.311
Aug. 8		19 35.6	6.0	−28 27	39	0.320
16		19 29.6		−27 48		(0.483)

(235) Carolina 11.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 7		20 11.2	7.0	−30 44	44	(0.434)
15	20	20 4.2	7.4	−31 28	36	0.234
23		19 56.8	7.2	−32 4	27	0.235
31		19 49.6	6.5	−32 31	17	0.240
Aug. 8		19 43.1	5.1	−32 48	7	0.253
16		19 38.0		−32 55		(0.435)

(395) Delia 12.2 1894

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 7		20 14.5	6.6	−16 21	7	(0.387)
15	21	20 7.9	7.1	−16 28	10	0.156
23		20 0.8	6.8	−16 38	11	0.156
31		19 54.0	6.1	−16 49	12	0.160
Aug. 8		19 47.9	4.9	−17 1	10	0.170
16		19 43.0		−17 11		(0.390)

(772) [1913 *TR*] 12.2 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 7		20 24.3	9.1	−52 52	72	(0.474)
15	22	20 15.2	10.0	−54 4	52	0.318
23		20 5.2	10.0	−54 56	32	0.322
31		19 55.2	9.1	−55 28	11	0.330
Aug. 8		19 46.1	7.6	−55 39	6	0.340
16		19 38.5		−55 33		(0.479)

(609) Fulvia 12.7 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 7		20 h 22.1 m	5.9	−14° 41'	23	(0.477)
15	23	20 16.2	6.2	−15 4	27	0.301
23		20 10.0	6.2	−15 31	28	0.299
31		20 3.8	5.8	−15 59	28	0.301
Aug. 8		19 58.0	5.1	−16 27	26	0.307
16		19 52.9		−16 53		(0.478)

*(**123**) Brunhild 12.1 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 15		20 24.4	7.6	−20 53	9	(0.460)
23	24	20 16.8	7.7	−21 2	7	0.270
31		20 9.1	7.2	−21 9	5	0.270
Aug. 8		20 1.9	6.4	−21 14	1	0.274
16		19 55.5	5.2	−21 15	3	0.282
24		19 50.3		−21 12		(0.454)

(544) Jetta 11.7 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 15		20 32.1	8.0	−18 37	13	(0.348)
23	25	20 24.1	8.0	−18 24	14	0.085
31		20 16.1	7.3	−18 10	14	0.089
Aug. 8		20 8.8	6.1	−17 56	17	0.097
16		20 2.7	4.4	−17 39	17	0.111
24		19 58.3		−17 22		(0.354)

(677) Aaltje 13.0 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 15		20 33.8	6.7	−12 27	3	(0.471)
23	26	20 27.1	7.0	−12 30	8	0.291
31		20 20.1	6.6	−12 38	7	0.292
Aug. 8		20 13.5	5.9	−12 45	9	0.296
16		20 7.6	4.9	−12 54	11	0.304
24		20 2.7		−13 5		(0.473)

(421) Zähringia 13.6 1908

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 15		20 35.2	6.7	− 5 56	23	(0.371)
23	26	20 28.5	7.5	− 6 19	35	0.122
31		20 21.0	7.6	− 6 54	44	0.112
Aug. 8		20 13.4	6.8	− 7 38	51	0.107
16		20 6.6	5.5	− 8 29	55	0.108
24		20 1.1		− 9 24		(0.346)

(510) Mabella 11.7 1908

1916		α_{1925}		δ_{1925}		(log r) log Δ
Juli 15		20 37.5	5.8	− 0 27	15	(0.325)
23	27	20 31.7	6.2	− 0 42	34	0.054
31		20 25.5	5.9	− 1 16	46	0.054
Aug. 8		20 19.6	4.9	− 2 2	57	0.058
16		20 14.7	3.6	− 2 59	63	0.068
24		20 11.1		− 4 2		(0.330)

(656) Beagle 14.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 15	20h 41m.5	6.3	−17° 45′	22	(0.552)
23	28 20 35.2	6.3	−18 7	23	0.407
31	20 28.9	6.0	−18 30	21	0.407
Aug. 8	20 22.9	5.6	−18 51	20	0.410
16	20 17.3	4.8	−19 11	16	0.417
24	20 12.5		−19 27		(0.553)

(735) [1912 *PY*] 10.7 1912/13

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 15	20 46.9	7.7	−49 39	72	(0.313)
23	28 20 39.2	9.0	−50 51	46	0.040
31	20 30.2	8.9	−51 37	16	0.037
Aug. 8	20 21.3	7.7	−51 53	— 14	0.037
16	20 13.6	5.0	−51 39	42	0.042
24	20 8.6		−50 57		(0.291)

(360) Carlova 12.1 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 15	20 46.7	5.8	−15 10	46	(0.499)
23	29 20 40.9	6.4	−15 56	49	0.329
31	20 34.5	6.3	−16 45	48	0.325
Aug. 8	20 28.2	5.9	−17 33	47	0.325
16	20 22.3	5.2	−18 20	44	0.329
24	20 17.1		−19 4		(0.490)

(202) Chryseïs 11.2 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 15	20 54.1	5.7	−14 48	38	(0.530)
23	31 20 48.4	6.0	−15 26	39	0.377
31	20 42.4	6.0	−16 5	39	0.376
Aug. 8	20 36.4	5.7	−16 44	38	0.378
16	20 30.7	5.0	−17 22	35	0.383
24	20 25.7		−17 57		(0.530)

(497) Iva 12.1 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 15	20 58.3	6.5	−25 19	26	(0.361)
23	31 20 51.8	7.5	−25 45	22	0.103
31	20 44.3	7.7	−26 7	15	0.094
Aug. 8	20 36.6	7.2	−26 22	4	0.090
16	20 29.4	6.1	−26 26	— 4	0.092
24	20 23.3		−26 22		(0.340)

(185) Eunike 9.6 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	20 51.3	6.2	− 0 28	85	(0.411)
31	31 20 45.1	6.2	− 1 53	98	0.198
Aug. 8	20 38.9	6.0	− 3 31	106	0.195
16	20 32.9	5.1	− 5 17	109	0.196
24	20 27.8	3.8	− 7 6	109	0.202
Sept. 1	20 24.0		− 8 55		(0.403)

(748) Simeïsa 14.1 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	20h 50m.2	5.2	−15° 44′	18	(0.646)
31	1 20 45.0	5.0	−16 2	18	0.532
Aug. 8	20 40.0	4.9	−16 20	17	0.533
16	20 35.1	4.4	−16 37	16	0.536
24	20 30.7	3.8	−16 53	14	0.541
Sept. 1	20 26.9		−17 7		(0.644)

(714) [1911 *LW*] 11.5 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	20 52.6	7.1	+ 5 26	6	(0.423)
31	1 20 45.5	7.1	+ 5 20	21	0.227
Aug. 8	20 38.4	6.7	+ 4 59	33	0.226
16	20 31.7	5.9	+ 4 26	43	0.229
24	20 25.8	4.5	+ 3 43	50	0.235
Sept. 1	20 21.3		+ 2 53		(0.421)

(301) Bavaria 12.4 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	20 52.7	6.7	−15 18	43	(0.413)
31	1 20 46.0	6.7	−16 1	43	0.198
Aug. 8	20 39.3	6.2	−16 44	40	0.202
16	20 33.1	5.3	−17 24	37	0.209
24	20 27.8	3.9	−18 1	31	0.221
Sept. 1	20 23.9		−18 32		(0.417)

(299) Thora 14.3 1903

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	21 0.0	7.4	−14 28	27	(0.381)
31	2 20 52.6	7.7	−14 55	29	0.141
Aug. 8	20 44.9	7.2	−15 24	28	0.141
16	20 37.7	6.2	−15 52	25	0.146
24	20 31.5	4.8	−16 17	20	0.155
Sept. 1	20 26.7		−16 37		(0.376)

(571) Dulcinea 13.2 1905

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	21 4.8	8.1	−25 17	26	(0.341)
31	3 20 56.7	8.8	−25 43	19	0.065
Aug. 8	20 47.9	8.6	−26 2	8	0.060
16	20 39.3	7.4	−26 10	— 3	0.060
24	20 31.9	5.6	−26 7	14	0.066
Sept. 1	20 26.3		−25 53		(0.319)

(478) Tergeste 11.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	21 1.4	6.0	+ 2 10	10	(0.514)
31	3 20 55.4	6.1	+ 2 0	20	0.360
Aug. 8	20 49.3	5.9	+ 1 40	27	0.358
16	20 43.4	5.4	+ 1 13	34	0.360
24	20 38.0	4.5	+ 0 39	39	0.365
Sept. 1	20 33.5		0 0		(0.512)

(278) Paulina 12.9 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	21ʰ 8.2ᵐ	7.3	−27° 58′	41	(0.450)
31	21 0.9	7.5	−28 39	32	0.262
Aug. 8	20 53.4	7.1	−29 11	23	0.266
16	20 46.3	6.3	−29 34	13	0.275
24	20 40.0	4.9	−29 47	2	0.287
Sept. 1	20 35.1		−29 49		(0.458)

(653) Berenike 13.1 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	21 7.6	5.9	−15 21	51	(0.491)
31	21 1.7	6.1	−16 12	51	0.319
Aug. 8	20 55.6	6.0	−17 3	49	0.320
16	20 49.6	5.4	−17 52	47	0.324
24	20 44.2	4.4	−18 39	41	0.333
Sept. 1	20 39.8		−19 20		(0.492)

(457) Alleghenia 14.5 1900

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	21 10.1	6.0	+ 2 0	7	(0.446)
31	21 4.1	6.5	+ 2 7	5	0.257
Aug. 8	20 57.6	6.3	+ 2 2	16	0.252
16	20 51.3	5.9	+ 1 46	25	0.251
24	20 45.4	4.9	+ 1 21	31	0.254
Sept. 1	20 40.5		+ 0 50		(0.436)

(608) Adolfine 13.7 1911

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	21 10.7	6.5	−12 9	1	(0.445)
31	21 4.2	7.0	−12 8	3	0.248
Aug. 8	20 57.2	6.9	−12 11	4	0.246
16	20 50.3	6.2	−12 15	5	0.248
24	20 44.1	5.0	−12 20	3	0.254
Sept. 1	20 39.1		−12 23		(0.440)

(461) Saskia 15.0 1900

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	21 11.8	5.8	−15 22	27	(0.566)
31	21 6.0	6.0	−15 49	27	0.426
Aug. 8	21 0.0	5.9	−16 16	27	0.424
16	20 54.1	5.6	−16 43	25	0.425
24	20 48.5	4.8	−17 8	22	0.429
Sept. 1	20 43.7		−17 30		(0.561)

***(347) Pariana** 12.5 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	21 18.7	7.4	−28 30	56	(0.463)
31	21 11.3	7.5	−29 26	47	0.282
Aug. 8	21 3.8	7.4	−30 13	38	0.285
16	20 56.4	6.8	−30 51	27	0.292
24	20 49.6	5.5	−31 18	13	0.303
Sept. 1	20 44.1		−31 31		(0.469)

(754) [1906 UT] 13.1 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	21ʰ 15.9ᵐ	5.3	+10° 3′	40	(0.496)
31	21 10.6	5.7	+ 9 23	55	0.343
Aug. 8	21 4.9	5.6	+ 8 28	66	0.339
16	20 59.3	5.3	+ 7 22	77	0.338
24	20 54.0	4.5	+ 6 5	83	0.340
Sept. 1	20 49.5		+ 4 42		(0.495)

(342) Endymion 13.3 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 23	21 19.4	6.6	− 3 58	18	(0.448)
31	21 12.8	7.0	− 4 16	26	0.257
Aug. 8	21 5.8	7.0	− 4 42	32	0.253
16	20 58.8	6.6	− 5 14	36	0.253
24	20 52.2	5.6	− 5 50	38	0.258
Sept. 1	20 46.6		− 6 28		(0.442)

(266) Aline 11.2 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 31	21 21.9	6.5	+ 6 56	8	(0.410)
Aug. 8	21 15.4	6.6	+ 6 48	22	0.202
16	21 8.8	6.3	+ 6 26	36	0.198
24	21 2.5	5.4	+ 5 50	46	0.199
Sept. 1	20 57.1	4.1	+ 5 4	52	0.203
9	20 53.0		+ 4 12		(0.400)

(521) Brixia 11.6 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 31	21 24.2	7.3	−27 28	65	(0.404)
Aug. 8	21 16.9	7.5	−28 33	56	0.180
16	21 9.4	7.3	−29 29	44	0.177
24	21 2.1	6.2	−30 13	30	0.180
Sept. 1	20 55.9	4.8	−30 43	15	0.187
9	20 51.1		−30 58		(0.383)

(24) Themis 11.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 31	21 27.2	6.0	−16 11	28	(0.550)
Aug. 8	21 21.2	6.1	−16 39	27	0.404
16	21 15.1	5.8	−17 6	25	0.406
24	21 9.3	5.2	−17 31	21	0.411
Sept. 1	21 4.1	4.4	−17 52	16	0.418
9	20 59.7		−18 8		(0.551)

(466) Tisiphone 12.0 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 31	21 38.4	6.2	+ 0 28	6	(0.543)
Aug. 8	21 32.2	6.4	+ 0 34	1	0.400
16	21 25.8	6.2	+ 0 33	7	0.400
24	21 19.6	5.7	+ 0 26	12	0.403
Sept. 1	21 13.9	4.9	+ 0 14	15	0.409
9	21 9.0		− 0 1		(0.546)

(779) [1914 *UB*] 10.0 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 31	$21^h\ 48^m.2$	7.0	$+3^\circ\ 52'$	54	(0.320)
Aug. 8	21 41.2 [14]	7.8	+ 4 46	36	0.045
16	21 33.4	7.7	+ 5 22	20	0.041
24	21 25.7	6.7	+ 5 42	6	0.043
Sept. 1	21 19.0	5.4	+ 5 48	— 8	0.051
9	21 13.6		+ 5 40		(0.319)

(54) Alexandra 9.7 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 31	21 49.4	7.8	−11 45	23	(0.342)
Aug. 8	21 41.6 [14]	8.2	−11 22	20	0.078
16	21 33.4	7.8	−11 2	19	0.080
24	21 25.6	6.8	−10 43	19	0.087
Sept. 1	21 18.8	5.3	−10 24	19	0.099
9	21 13.5		−10 5		(0.350)

(189) Phthia 11.4 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 31	21 48.9	6.5	− 4 54	35	(0.379)
Aug. 8	21 42.4 [14]	7.0	− 5 29	43	0.143
16	21 35.4	6.9	− 6 12	49	0.140
24	21 28.5	6.2	− 7 1	50	0.142
Sept. 1	21 22.3	5.0	− 7 51	49	0.150
9	21 17.3		− 8 40		(0.377)

(190) Ismene 12.6 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 31	21 46.9	4.5	− 8 33	27	(0.645)
Aug. 8	21 42.4 [14]	4.7	− 9 0	29	0.532
16	21 37.7	4.7	− 9 29	31	0.530
24	21 33.0	4.4	−10 0	30	0.530
Sept. 1	21 28.6	4.0	−10 30	29	0.533
9	21 24.6		−10 59		(0.641)

(560) Delila 14.0 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 31	21 54.1	6.3	−20 0	52	(0.491)
Aug. 8	21 47.8 [15]	6.6	−20 52	48	0.320
16	21 41.2	6.7	−21 40	44	0.318
24	21 34.5	6.4	−22 24	37	0.320
Sept. 1	21 28.1	5.4	−23 1	28	0.326
9	21 22.7		−23 29		(0.486)

(111) Ate 11.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 31	21 57.9	6.9	−10 28	22	(0.450)
Aug. 8	21 51.0 [16]	7.2	−10 50	23	0.258
16	21 43.8	7.3	−11 13	24	0.254
24	21 36.5	6.9	−11 37	24	0.255
Sept. 1	21 29.6	5.9	−12 1	20	0.260
9	21 23.7		−12 21		(0.446)

(90) Antiope 10.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Juli 31	$21^h\ 58^m.6$	5.6	$-15^\circ\ 54'$	35	(0.429)
Aug. 8	21 53.0 [16]	6.1	−16 29	34	0.225
16	21 46.9	6.0	−17 3	31	0.224
24	21 40.9	5.6	−17 34	25	0.228
Sept. 1	21 35.3	4.7	−17 59	19	0.236
9	21 30.6		−18 18		(0.431)

(617) Patroclus 11.9 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 8	21 54.2	5.5	−42 50	16	(0.655)
16	21 48.7 [17]	5.7	−43 6	10	0.557
24	21 43.0	5.3	−43 16	—	0.560
Sept. 1	21 37.7	4.8	−43 16	12	0.565
9	21 32.9	3.9	−43 4	20	0.571
17	21 29.0		−42 44		(0.653)

(506) Marion 12.9 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 8	21 55.7	6.9	− 7 38	2	(0.519)
16	21 48.8 [17]	7.1	− 7 40	5	0.359
24	21 41.7	6.7	− 7 45	6	0.359
Sept. 1	21 35.0	6.1	− 7 51	5	0.362
9	21 28.9	5.2	− 7 56	5	0.368
17	21 23.7		− 8 1		(0.513)

(328) Gudrun 12.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 8	21 59.4	7.3	−25 43	12	(0.524)
16	21 52.1 [18]	7.3	−25 55	5 —	0.370
24	21 44.8	7.0	−26 0	3	0.371
Sept. 1	21 37.8	6.3	−25 57	12	0.376
9	21 31.5	5.2	−25 45	20	0.384
17	21 26.3		−25 25		(0.520)

(802) [1915 *WR*] 14.1 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 8	22 2.9	8.4	−18 58	32	(0.374)
16	21 54.5 [18]	8.8	−19 30	26	0.132
24	21 45.7	8.3	−19 56	18	0.134
Sept. 1	21 37.4	7.1	−20 14	8	0.141
9	21 30.3	5.4	−20 22	— 4	0.153
17	21 24.9		−20 18		(0.371)

(405) Thia 11.7 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 8	22 2.1	7.1	+ 6 7	21	(0.454)
16	21 55.0 [18]	7.2	+ 5 46	32	0.276
24	21 47.8	6.8	+ 5 14	41	0.279
Sept. 1	21 41.0	6.0	+ 4 33	46	0.284
9	21 35.0	4.9	+ 3 47	48	0.296
17	21 30.1		+ 2 59		(0.467)

1916	α_{1925}		δ_{1925}		(log r) log Δ
(45) Eugenia	10.6		1915		
Aug. 8	22h 10.3m	6.2	−10° 42′	54	(0.434)
16	[20] 22 4.1	6.4	−11 36	54	0.234
24	21 57.7	6.2	−12 30	53	0.236
Sept. 1	21 51.5	5.6	−13 23	48	0.242
9	21 45.9	4.2	−14 11	38	0.252
17	21 41.7		−14 49		(0.440)
(28) Bellona	10.7		1915		
Aug. 8	22 16.1	5.8	−11 17	53	(0.500)
16	[22] 22 10.3	6.2	−12 10	54	0.332
24	22 4.1	6.2	−13 4	52	0.330
Sept. 1	21 57.9	5.7	−13 56	48	0.333
9	21 52.2	4.9	−14 44	42	0.339
17	21 47.3		−15 26		(0.496)
(349) Dembowska	9.4		1914		
Aug. 8	22 19.6	6.7	−23 31	33	(0.438)
16	[22] 22 12.9	7.0	−24 4	26	0.241
24	22 5.9	7.0	−24 30	16	0.241
Sept. 1	21 58.9	6.3	−24 46	5	0.245
9	21 52.6	5.2	−24 51	6	0.253
17	21 47.4		−24 45		(0.434)
(484) Pittsburghia	12.6		1914		
Aug. 8	22 18.9	5.9	−17 4	80	(0.402)
16	[22] 22 13.0	6.2	−18 24	77	0.181
24	22 6.8	6.2	−19 41	69	0.182
Sept. 1	22 0.6	5.6	−20 50	58	0.188
9	21 55.0	4.4	−21 48	44	0.198
17	21 50.6		−22 32		(0.403)
(591) Irmgard	14.3		1906		
Aug. 8	22 22.1	7.3	−12 58	14	(0.480)
16	[22] 22 14.8	7.7	−13 12	14	0.307
24	22 7.1	7.5	−13 26	12	0.309
Sept. 1	21 59.6	7.0	−13 38	8	0.314
9	21 52.6	5.8	−13 46	3	0.324
17	21 46.8		−13 49		(0.488)
(702) [1910 *KQ*]	12.0		1914		
Aug. 8	22 20.5	5.7	+11 27	17	(0.497)
16	[23] 22 14.8	6.8	+11 44	5	0.343
24	22 8.0	6.8	+11 49	6	0.340
Sept. 1	22 1.2	6.3	+11 43	17	0.340
9	21 54.9	5.7	+11 26	26	0.343
17	21 49.2		+11 0		(0.497)

1916	α_{1925}		δ_{1925}		(log r) log Δ
(180) Garumna	14.0		1912		
Aug. 8	22h 22.4m	6.3	− 9° 51′	33	(0.495)
16	[23] 22 16.1	6.6	−10 24	35	0.325
24	22 9.5	6.6	−10 59	35	0.323
Sept. 1	22 2.9	6.3	−11 34	32	0.324
9	21 56.6	5.4	−12 6	28	0.330
17	21 51.2		−12 34		(0.490)
(546) Herodias	12.7		1913		
Aug. 8	22 26.0	8.0	−30 55	31	(0.460)
16	[23] 22 18.0	8.5	−31 26	18	0.280
24	22 9.5	8.4	−31 44	4	0.282
Sept. 1	22 1.1	7.8	−31 48	9	0.286
9	21 53.3	6.4	−31 39	23	0.295
17	21 46.9		−31 16		(0.458)
(572) Rebekka	12.4		1915		
Aug. 16	22 20.7	6.0	+ 4 9	65	(0.331)
24	[24] 22 14.7	6.3	+ 3 4	80	0.056
Sept. 1	22 8.4	5.8	+ 1 44	88	0.052
9	22 2.6	4.7	+ 0 16	92	0.054
17	21 57.9	3.0	− 1 16	88	0.061
25	21 54.9		− 2 44		(0.321)
(151) Abundantia	12.1		1915		
Aug. 16	22 34.5	7.4	−19 25	37	(0.429)
24	[27] 22 27.1	7.6	−20 2	30	0.226
Sept. 1	22 19.5	7.1	−20 32	20	0.229
9	22 12.4	6.2	−20 52	10	0.237
17	22 6.2	4.9	−21 2	1	0.248
25	22 1.3		−21 1		(0.430)
(30) Urania	9.4		1915		
Aug. 16	22 42.5	7.0	− 6 31	30	(0.340)
24	[29] 22 35.5	7.6	− 7 1	34	0.068
Sept. 1	22 27.9	7.3	− 7 35	34	0.064
9	22 20.6	6.5	− 8 9	30	0.066
17	22 14.1	5.0	− 8 39	25	0.074
25	22 9.1		− 9 4		(0.330)
(113) Amalthea	11.3		1915		
Aug. 16	22 43.2	7.0	−12 27	59	(0.399)
24	[29] 22 36.2	7.2	−13 26	56	0.177
Sept. 1	22 29.0	7.0	−14 22	51	0.180
9	22 22.0	6.2	−15 13	41	0.187
17	22 15.8	4.9	−15 54	29	0.199
25	22 10.9		−16 23		(0.403)

(621) Werdandi 14.2 1911

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 16	22h 43m.9	5.9	−11° 42′	36	(0.521)
24	22 38.0	6.0	−12 18	36	0.362
Sept. 1	30 22 32.0	5.9	−12 54	32	0.360
9	22 26.1	5.5	−13 26	28	0.362
17	22 20.6	4.9	−13 54	23	0.367
25	22 15.7		−14 17		(0.514)

(770) [1913 *TE*] 12.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 24	22h 54m.3	8.1	−15° 18′	42	(0.344)
Sept. 1	2 22 46.2	8.3	−16 0	37	0.057
9	22 37.9	7.7	−16 37	25	0.057
17	22 30.2	6.4	−17 2	10	0.062
25	22 23.8	4.6	−17 12	— 3	0.073
Okt. 3	22 19.2		−17 9		(0.320)

(477) Italia 10.9 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 16	22 47.6	7.0	−15 17	17	(0.292)
24	22 40.6	7.6	−15 34	11	9.978
Sept. 1	30 22 33.0	7.2	−15 45	2	9.980
9	22 25.8	6.1	−15 47	— 8	9.988
17	22 19.7	4.4	−15 39	19	0.002
25	22 15.3		−15 20		(0.294)

(672) Astarte 12.7 1908

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 24	22 55.5	8.4	− 9 32	1	(0.361)
Sept. 1	2 22 47.1	8.2	− 9 31	3	0.112
9	22 38.9	7.6	− 9 28	5	0.118
17	22 31.1	6.1	− 9 23	12	0.129
25	22 25.0	4.4	− 9 11	17	0.145
Okt. 3	22 20.6		− 8 54		(0.369)

(730) [1912 *OK*] 15.1 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 16	22 50.9	7.8	−13 59	59	(0.373)
24	22 43.1	8.0	−14 58	53	0.137
Sept. 1	31 22 35.1	7.7	−15 51	44	0.142
9	22 27.4	6.8	−16 35	33	0.153
17	22 20.6	5.3	−17 8	21	0.168
25	22 15.3		−17 29		(0.386)

*__(15)__ Eunomia 7.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 24	22 57.2	7.3	+10 0	10	(0.354)
Sept. 1	2 22 49.9	7.7	+10 10	— 5	0.103
9	22 42.2	7.3	+10 5	17	0.098
17	22 34.9	6.4	+ 9 48	27	0.099
25	22 28.5	4.8	+ 9 21	31	0.105
Okt. 3	22 23.7		+ 8 50		(0.343)

(146) Lucina 11.2 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 16	22 49.9	6.7	−27 33	59	(0.440)
24	22 43.2	7.1	−28 32	46	0.251
Sept. 1	31 22 36.1	6.8	−29 18	31	0.255
9	22 29.3	6.2	−29 49	15	0.263
17	22 23.1	5.2	−30 4	— 1	0.274
25	22 17.9		−30 3		(0.444)

(441) Bathilde 12.6 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 24	22 56.3	6.2	+ 6 33	30	(0.458)
Sept. 1	3 22 50.1	6.4	+ 6 3	38	0.273
9	22 43.7	6.1	+ 5 25	44	0.271
17	22 37.6	5.4	+ 4 41	48	0.273
25	22 32.2	4.3	+ 3 53	47	0.279
Okt. 3	22 27.9		+ 3 6		(0.453)

(274) Philagoria 13.9 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 16	22 51.2	5.8	−12 18	41	(0.509)
24	22 45.4	6.0	−12 59	39	0.349
Sept. 1	31 22 39.4	6.0	−13 38	36	0.350
9	22 33.4	5.5	−14 14	30	0.355
17	22 27.9	4.7	−14 44	23	0.363
25	22 23.2		−15 7		(0.514)

(417) Suevia 13.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 24	23 6.9	5.8	+ 0 38	45	(0.499)
Sept. 1	5 23 1.1	6.1	− 0 7	50	0.334
9	22 55.0	5.9	− 0 57	50	0.334
17	22 49.1	5.3	− 1 47	50	0.338
25	22 43.8	4.4	− 2 37	46	0.346
Okt. 3	22 39.4		− 3 23		(0.501)

(71) Niobe 11.1 1913/14

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 16	22 56.9	7.9	+ 9 1	18	(0.469)
24	22 49.0	8.3	+ 9 19	6	0.297
Sept. 1	31 22 40.7	8.2	+ 9 25	— 3	0.296
9	22 32.5	7.6	+ 9 22	12	0.299
17	22 24.9	6.8	+ 9 10	17	0.306
25	22 18.1		+ 8 53		(0.467)

(11) Parthenope 8.7 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Aug. 24	23 9.9	6.2	−10 21	61	(0.346)
Sept. 1	5 23 3.7	6.7	−11 22	58	0.085
9	22 57.0	6.3	−12 20	51	0.088
17	22 50.7	5.4	−13 11	39	0.096
25	22 45.3	4.0	−13 50	25	0.110
Okt. 3	22 41.3		−14 15		(0.350)

(747) [1913 *QZ*] 9.6 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Aug. 24		23ʰ 11ᵐ.9	4.8	−20° 13′	118	(0.365)
Sept. 1	7	23 7.1	5.4	−22 11	110	0.115
9		23 1.7	5.5	−24 1	97	0.111
17		22 56.2	4.9	−25 38	76	0.112
25		22 51.3	3.7	−26 54	54	0.117
Okt. 3		22 47.6		−27 48		(0.341)

(386) Siegena 9.6 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Aug. 24		23 13.5	4.6	− 1 26	105	(0.400)
Sept. 1	7	23 8.9	5.2	− 3 11	112	0.176
9		23 3.7	5.0	− 5 3	112	0.173
17		22 58.7	4.6	− 6 55	106	0.175
25		22 54.1	3.5	− 8 41	96	0.181
Okt. 3		22 50.6		−10 17		(0.393)

(219) Thusnelda 9.7 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Aug. 24		23 16.3	4.3	+11 12	76	(0.262)
Sept. 1	8	23 12.0	4.6	+ 9 56	98	9.927
9		23 7.4	4.4	+ 8 18	113	9.922
17		23 3.0	3.7	+ 6 25	119	9.924
25		22 59.3	2.1	+ 4 26	117	9.934
Okt. 3		22 57.2		+ 2 29		(0.262)

(374) Burgundia 11.8 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1		23 18.3	6.1	+ 7 15	50	(0.451)
9	9	23 12.2	6.0	+ 6 25	57	0.264
17		23 6.2	5.6	+ 5 28	61	0.266
25		23 0.6	4.7	+ 4 27	60	0.272
Okt. 3		22 55.9	3.6	+ 3 27	57	0.282
11		22 52.3		+ 2 30		(0.456)

(499) Venusia 13.0 1911

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1		23 18.7	4.9	− 1 27	31	(0.598)
9	9	23 13.8	5.0	− 1 58	32	0.469
17		23 8.8	4.7	− 2 30	31	0.468
25		23 4.1	4.3	− 3 1	30	0.470
Okt. 3		22 59.8	3.6	− 3 31	26	0.475
11		22 56.2		− 3 57		(0.590)

(603) Timandra 14.5 1907

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1		23 21.8	7.4	− 3 35	25	(0.459)
9	9	23 14.4	7.4	− 4 0	26	0.270
17		23 7.0	7.1	− 4 26	24	0.271
25		22 59.9	6.2	− 4 50	19	0.276
Okt. 3		22 53.7	4.9	− 5 9	14	0.285
11		22 48.8		− 5 23		(0.454)

(302) Clarissa 13.6 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1		23ʰ 22ᵐ.6	7.5	− 6° 39′	34	(0.365)
9	10	23 15.1	7.7	− 7 13	33	0.114
17		23 7.4	7.1	− 7 46	27	0.114
25		23 0.3	6.0	− 8 13	19	0.120
Okt. 3		22 54.3	4.4	− 8 32	9	0.131
11		22 49.9		− 8 41		(0.356)

(716) Berkeley 13.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1		23 22.9	6.0	− 8 18	58	(0.479)
9	10	23 16.9	5.9	− 9 16	55	0.304
17		23 11.0	5.6	−10 11	50	0.307
25		23 5.4	4.9	−11 1	40	0.314
Okt. 3		23 0.5	3.8	−11 41	31	0.325
11		22 56.7		−12 12		(0.482)

(398) Admete 13.4 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1		23 30.2	6.8	+12 23	15	(0.410)
9	11	23 23.4	7.1	+12 8	28	0.196
17		23 16.3	7.0	+11 40	38	0.189
25		23 9.3	6.2	+11 2	45	0.187
Okt. 3		23 3.1	5.0	+10 17	49	0.190
11		22 58.1		+ 9 28		(0.393)

(371) Bohemia 11.8 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1		23 34.2	6.6	+ 8 43	26	(0.433)
9	12	23 27.6	6.8	+ 8 17	34	0.237
17		23 20.8	6.5	+ 7 43	41	0.237
25		23 14.3	5.7	+ 7 2	43	0.242
Okt. 3		23 8.6	4.5	+ 6 19	45	0.250
11		23 4.1		+ 5 34		(0.437)

(407) Arachne 11.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1		23 37.6	6.8	+ 8 46	16	(0.390)
9	13	23 30.8	7.1	+ 8 30	28	0.165
17		23 23.7	7.0	+ 8 2	35	0.163
25		23 16.7	6.1	+ 7 27	38	0.165
Okt. 3		23 10.6	4.8	+ 6 49	39	0.173
11		23 5.8		+ 6 10		(0.388)

(611) Valeria 12.2 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1		23 36.0	5.2	+ 4 59	62	(0.471)
9	13	23 30.8	5.5	+ 3 57	69	0.290
17		23 25.3	5.4	+ 2 48	71	0.287
25		23 19.9	4.9	+ 1 37	71	0.287
Okt. 3		23 15.0	4.0	+ 0 26	67	0.292
11		23 11.0		− 0 41		(0.463)

***(133) Cyrene** 11.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1	23h 37.6m	6.2	+ 3° 13′	22	(0.494)
9	(13) 23 31.4	6.3	+ 2 51	26	0.329
17	23 25.1	6.1	+ 2 25	29	0.331
25	23 19.0	5.5	+ 1 56	28	0.336
Okt. 3	23 13.5	4.6	+ 1 28	25	0.345
11	23 8.9		+ 1 3		(0.501)

(150) Nuwa 10.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1	23 37.8	5.6	− 0 3	40	(0.416)
9	(14) 23 32.2	5.9	− 0 43	45	0.205
17	23 26.3	5.8	− 1 28	44	0.205
25	23 20.5	5.0	− 2 12	40	0.209
Okt. 3	23 15.5	3.5	− 2 52	36	0.218
11	23 12.0		− 3 28		(0.416)

(197) Arete 11.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1	23 40.6	6.4	−18 49	47	(0.364)
9	(14) 23 34.2	6.6	−19 36	36	0.124
17	23 27.6	6.3	−20 12	20	0.129
25	23 21.3	5.3	−20 32	2	0.139
Okt. 3	23 16.0	3.9	−20 34	14	0.153
11	23 12.1		−20 20		(0.369)

(718) Erida 13.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1	23 42.6	6.1	−10 13	35	(0.539)
9	(15) 23 36.5	6.2	−10 48	31	0.393
17	23 30.3	6.0	−11 19	25	0.396
25	23 24.3	5.5	−11 44	18	0.401
Okt. 3	23 18.8	4.7	−12 2	10	0.410
11	23 14.1		−12 12		(0.545)

(701) [1910 *KN*] 13.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 1	23 49.2	5.4	+ 9 22	32	(0.492)
9	(16) 23 43.8	5.9	+ 8 50	40	0.327
17	23 37.9	5.8	+ 8 10	46	0.324
25	23 32.1	5.4	+ 7 24	49	0.326
Okt. 3	23 26.7	4.7	+ 6 35	49	0.330
11	23 22.0		+ 5 46		(0.492)

(319) Leona 13.3 1904

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 9	23 54.6	4.9	+ 3 20	61	(0.457)
17	(19) 23 49.7	5.0	+ 2 19	66	0.267
25	23 44.7	4.9	+ 1 13	65	0.265
Okt. 3	23 39.8	4.1	+ 0 8	61	0.268
11	23 35.7	3.1	− 0 53	55	0.274
19	23 32.6		− 1 48		(0.448)

(508) Princetonia 12.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 9	23h 57.2m	6.5	−17° 51′	23	(0.504)
17	(19) 23 50.7	6.6	−18 14	15	0.345
25	23 44.1	6.1	−18 29	4	0.349
Okt. 3	23 38.0	5.5	−18 33	6	0.356
11	23 32.5	4.4	−18 27	17	0.366
19	23 28.1		−18 10		(0.504)

***(32) Pomona** 11.0 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 9	0 1.9	6.4	+ 6 35	49	(0.446)
17	(20) 23 55.5	6.5	+ 5 46	55	0.254
25	23 49.0	6.3	+ 4 51	56	0.254
Okt. 3	23 42.7	5.5	+ 3 55	54	0.259
11	23 37.2	4.4	+ 3 1	49	0.269
19	23 32.8		+ 2 12		(0.447)

(707) [1910 *LD*] 12.9 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 9	0 3.5	7.5	+ 9 23	29	(0.289)
17	(20) 23 56.0	7.4	+ 8 54	42	9.977
25	23 48.6	7.1	+ 8 12	49	9.975
Okt. 3	23 41.5	5.9	+ 7 23	50	9.980
11	23 35.6	4.0	+ 6 33	46	9.992
19	23 31.6		+ 5 47		(0.287)

(445) Edna 11.5 1905

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 9	0 3.4	7.1	+34 52	26	(0.403)
17	(20) 23 56.3	7.6	+35 18	3	0.218
25	23 48.7	7.3	+35 21	19	0.214
Okt. 3	23 41.4	6.5	+35 2	39	0.212
11	23 34.9	5.1	+34 23	55	0.215
19	23 29.8		+33 28		(0.402)

(689) Zita 12.5 1909

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 9	0 2.3	4.5	− 0 57	85	(0.250)
17	(21) 23 57.8	4.9	− 2 22	83	9.889
25	23 52.9	4.5	− 3 45	77	9.892
Okt. 3	23 48.4	3.4	− 5 2	62	9.903
11	23 45.0	1.5	− 6 4	43	9.919
19	23 43.5		− 6 47		(0.253)

(78) Diana 11.1 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 9	0 5.8	7.2	+ 6 31	20	(0.454)
17	(21) 23 58.6	7.5	+ 6 11	26	0.264
25	23 51.1	7.4	+ 5 45	30	0.260
Okt. 3	23 43.7	6.8	+ 5 15	30	0.260
11	23 36.9	5.7	+ 4 45	27	0.265
19	23 31.2		+ 4 18		(0.443)

(516) Amherstia 11.8 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 9		0h 10.9m	7.4	+11° 40′	17	(0.490)
17	22	0 3.5	7.5	+11 23	24	0.328
25		23 56.0	7.3	+10 59	30	0.329
Okt. 3		23 48.7	6.6	+10 29	32	0.335
11		23 42.1	5.5	+ 9 57	32	0.344
19		23 36.6		+ 9 25		(0.501)

(599) Luisa 10.4 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 9		0 18.3	8.4	—28 26	22	(0.292)
17	24	0 9.9	8.7	—28 4	45	0.008
25		0 1.2	8.1	—27 19	70	0.015
Okt. 3		23 53.1	6.6	—26 9	93	0.028
11		23 46.5	4.6	—24 36	111	0.045
19		23 41.9		—22 45		(0.302)

(241) Germania 10.6 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 9		0 16.3	5.7	+10 59	28	(0.438)
17	24	0 10.6	6.1	+10 31	37	0.246
25		0 4.5	6.0	+ 9 54	42	0.244
Okt. 3		23 58.5	5.4	+ 9 12	45	0.246
11		23 53.1	4.4	+ 8 27	43	0.253
19		23 48.7		+ 7 44		(0.440)

(738) [1913 *QO*] 13.7 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 9		0 22.3	5.5	— 1 36	42	(0.503)
17	25	0 16.8	5.8	— 2 18	44	0.341
25		0 11.0	5.8	— 3 2	42	0.339
Okt. 3		0 5.2	5.5	— 3 44	36	0.340
11		23 59.7	4.7	— 4 20	29	0.348
19		23 55.0		— 4 49		(0.503)

(303) Josephina 11.7 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17		0 18.3	6.4	+ 5 20	23	(0.472)
25	25	0 11.9	6.4	+ 4 57	24	0.296
Okt. 3		0 5.5	6.1	+ 4 33	25	0.293
11		23 59.4	5.2	+ 4 8	22	0.298
19		23 54.2	4.1	+ 3 46	18	0.306
27		23 50.1		+ 3 28		(0.469)

(254) Augusta 13.5 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17		0 21.0	8.5	— 2 5	35	(0.344)
25	26	0 12.5	8.3	— 2 40	31	0.086
Okt. 3		0 4.2	7.5	— 3 11	23	0.095
11		23 56.7	6.0	— 3 34	14	0.108
19		23 50.7	4.2	— 3 48	2	0.126
27		23 46.5		— 3 50		(0.355)

(227) Philosophia 13.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17		0h 20.2m	6.2	+ 9° 53′	25	(0.553)
25	26	0 14.0	6.1	+ 9 28	28	0.413
Okt. 3		0 7.9	5.8	+ 9 0	30	0.415
11		0 2.1	5.2	+ 8 30	30	0.420
19		23 56.9	4.2	+ 8 0	27	0.429
27		23 52.7		+ 7 33		(0.559)

(73) Klytia 11.9 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17		0 21.4	6.8	+ 1 51	36	(0.415)
25	26	0 14.6	6.9	+ 1 15	36	0.202
Okt. 3		0 7.7	6.4	+ 0 39	33	0.204
11		0 1.3	5.1	+ 0 6	28	0.210
19		23 56.2	4.5	— 0 22	19	0.221
27		23 51.7		— 0 41		(0.412)

(533) Sara 13.7 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17		0 21.6	5.6	+ 2 10	52	(0.490)
25	26	0 16.0	5.7	+ 1 18	53	0.320
Okt. 3		0 10.3	5.4	+ 0 25	49	0.322
11		0 4.9	4.7	— 0 24	44	0.328
19		0 0.2	3.6	— 1 8	37	0.337
27		23 56.6		— 1 45		(0.491)

(410) Chloris 11.7 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17		0 33.2	7.0	—15 21	46	(0.415)
25	29	0 26.2	6.9	—16 7	33	0.216
Okt. 3		0 19.3	6.5	—16 40	18	0.226
11		0 12.8	5.4	—16 58	2	0.239
19		0 7.4	4.1	—17 0	$\overline{13}$	0.256
27		0 3.3		—16 47		(0.431)

(511) Davida 9.2 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17		0 31.6	5.7	—20 49	54	(0.468)
25	29	0 25.9	6.1	—21 43	41	0.296
Okt. 3		0 19.8	5.7	—22 24	26	0.298
11		0 14.1	5.2	—22 50	10	0.303
19		0 8.9	4.2	—23 0	17	0.311
27		0 4.7		—23 17		(0.458)

(550) Senta 11.0 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17		0 39.5	6.6	+23 35	29	(0.339)
25	30	0 32.9	7.2	+23 6	49	0.093
Okt. 3		0 25.7	6.6	+22 17	63	0.095
11		0 19.1	5.6	+21 14	73	0.101
19		0 13.5	4.1	+20 1	75	0.113
27		0 9.4		+18 46		(0.355)

(170) Maria 11.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17	0h 41m.8	7.5	+27° 34'	$\underline{2}$	(0.404)
25	$_{30}$ 0 34.3	8.1	+27 36	16	0.203
Okt. 3	0 26.2	8.0	+27 20	34	0.197
11	0 18.2	7.3	+26 46	47	0.196
19	0 10.9	5.9	+25 59	57	0.199
27	0 5.0		+25 2		(0.399)

(305) Gordonia 12.2 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 25	0h 47m.7	5.8	+ 7° 44'	47	(0.474)
Okt. 3	0 41.9	6.0	+ 6 57	49	0.293
11	$_{+}$ 0 35.9	5.6	+ 6 8	49	0.292
19	0 30.3	5.0	+ 5 19	45	0.294
27	0 25.3	3.8	+ 4 34	39	0.300
Nov. 4	0 21.5		+ 3 55		(0.462)

(745) [1913 *QX*] 13.9 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17	0 38.1	5.3	−12 39	53	(0.532)
25	$_{30}$ 0 32.8	5.5	−13 32	46	0.385
Okt. 3	0 27.3	5.4	−14 18	37	0.386
11	0 21.9	4.8	−14 55	26	0.391
19	0 17.1	4.1	−15 21	14	0.398
27	0 13.0		−15 35		(0.529)

(212) Medea 11.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 25	0 48.9	6.2	+11 8	29	(0.453)
Okt. 3	0 42.7	6.2	+10 39	34	0.263
11	$_{+}$ 0 36.5	5.9	+10 5	35	0.263
19	0 30.6	5.1	+ 9 30	33	0.267
27	0 25.5	4.0	+ 8 57	30	0.275
Nov. 4	0 21.5		+ 8 27		(0.448)

(502) Sigune 14.6 1911

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17	0 41.5	6.7	−26 7	92	(0.436)
25	$_{1}$ 0 34.8	7.2	−27 39	72	0.256
Okt. 3	0 27.6	6.9	−28 51	51	0.260
11	0 20.7	6.3	−29 42	30	0.267
19	0 14.4	5.2	−30 12	7	0.278
27	0 9.2		−30 19		(0.429)

(157) Dejanira 13.7 1908

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 25	0 59.2	7.7	−11 21	31	(0.412)
Okt. 3	$_{6}$ 0 51.5	7.9	−11 52	19	0.202
11	0 43.6	7.6	−12 11	$\underline{5}$	0.202
19	0 36.0	6.7	−12 16	9	0.206
27	0 29.3	5.4	−12 7	24	0.214
Nov. 4	0 23.9		−11 43		(0.398)

(84) Klio 9.8 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17	0 46.3	7.7	+18 8	27	(0.264)
25	$_{1}$ 0 38.6	8.5	+18 35	$\underline{7}$	9.940
Okt. 3	0 30.1	8.1	+18 42	10	9.942
11	0 22.0	6.8	+18 32	22	9.950
19	0 15.2	4.9	+18 10	28	9.965
27	0 10.3		+17 42		(0.278)

(577) Rhea 12.8 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 25	0 58.0	6.4	+11 49	27	(0.474)
Okt. 3	$_{6}$ 0 51.6	6.4	+11 22	31	0.301
11	0 45.2	6.1	+10 51	32	0.304
19	0 39.1	5.3	+10 19	32	0.310
27	0 33.8	4.2	+ 9 47	28	0.320
Nov. 4	0 29.6		+ 9 19		(0.482)

***(174)** Phaedra 11.9 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17	0 46.4	6.9	+17 45	10	(0.476)
25	$_{2}$ 0 39.5	7.3	+17 35	19	0.308
Okt. 3	0 32.2	7.1	+17 16	28	0.307
11	0 25.1	6.5	+16 48	33	0.311
19	0 18.6	5.5	+16 15	34	0.318
27	0 13.1		+15 41		(0.483)

(680) Genoveva 12.6 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 25	1 6.5	7.6	− 9 17	$\underline{6}$	(0.461)
Okt. 3	$_{7}$ 0 58.9	7.7	− 9 23	2	0.283
11	0 51.2	7.1	− 9 21	11	0.286
19	0 44.1	6.3	− 9 10	20	0.293
27	0 37.8	5.1	− 8 50	30	0.304
Nov. 4	0 32.7		− 8 20		(0.477)

(605) Juvisia 12.2 1906

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 17	0 51.2	7.9	+21 4	32	(0.417)
25	$_{2}$ 0 43.3	8.5	+21 36	16	0.220
Okt. 3	0 34.8	8.6	+21 52	$\underline{4}$	0.218
11	0 26.2	7.9	+21 56	6	0.219
19	0 18.3	6.7	+21 50	16	0.225
27	0 11.6		+21 34		(0.420)

(244) Sita 12.8 1900

1916	α_{1925}		δ_{1925}		(log r) log Δ
Sept. 25	1 15.9	6.2	+ 9 57	57	(0.273)
Okt. 3	$_{10}$ 1 9.7	7.0	+ 9 0	64	9.946
11	1 2.7	6.7	+ 7 56	64	9.944
19	0 56.0	5.7	+ 6 52	58	9.950
27	0 50.3	4.0	+ 5 54	48	9.963
Nov. 4	0 46.3		+ 5 6		(0.275)

(661) Cloelia 12.8 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1h 12.5m	6.5	+17° 47′	20	(0.485)
11	1 6.0	6.8	+17 27	26	0.315
19	^{11}0 59.2	6.4	+17 1	31	0.315
27	0 52.8	5.5	+16 30	31	0.319
Nov. 4	0 47.3	4.3	+15 59	29	0.327
12	0 43.0		+15 30		(0.483)

*(13) Egeria 9.9 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1 23.5	8.4	−5 15	7	(0.420)
11	1 15.1	8.5	−5 22	3	0.215
19	^{12}1 6.6	7.9	−5 19	12	0.217
27	0 58.7	7.0	−5 7	24	0.223
Nov. 4	0 51.7	5.5	−4 43	35	0.234
12	0 46.2		−4 8		(0.414)

(22) Kalliope 9.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1 24.2	7.1	−9 59	17	(0.431)
11	1 17.1	7.2	−10 15	7	0.237
19	^{13}1 9.9	6.7	−10 22	7	0.240
27	1 3.2	5.8	−10 15	20	0.247
Nov. 4	0 57.4	4.6	−9 55	32	0.258
12	0 52.8		−9 23		(0.427)

(221) Eos 10.9 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1 22.7	5.7	−5 34	55	(0.446)
11	1 17.0	5.8	−6 29	46	0.260
19	^{13}1 11.2	5.4	−7 15	34	0.265
27	1 5.8	4.5	−7 49	21	0.275
Nov. 4	1 1.3	3.4	−8 10	8	0.288
12	0 57.9		−8 18		(0.451)

(268) Adorea 13.2 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1 26.3	5.7	+5 30	36	(0.540)
11	1 20.6	5.9	+4 54	36	0.393
19	^{14}1 14.7	5.6	+4 18	33	0.394
27	1 9.1	5.1	+3 45	28	0.398
Nov. 4	1 4.0	4.2	+3 17	22	0.405
12	0 59.8		+2 55		(0.538)

(681) Gorgo 14.2 1909

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1 26.4	5.4	+2 42	64	(0.485)
11	1 21.0	5.6	+1 38	60	0.315
19	^{14}1 15.4	5.2	+0 38	54	0.318
27	1 10.2	4.6	−0 16	44	0.326
Nov. 4	1 5.6	3.5	−1 0	35	0.336
12	1 2.1		−1 35		(0.489)

(401) Ottilia 12.8 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1h 27.2m	5.8	+5° 59′	25	(0.537)
11	1 21.4	6.0	+5 34	24	0.390
19	^{14}1 15.4	5.7	+5 10	22	0.391
27	1 9.7	5.1	+4 48	18	0.396
Nov. 4	1 4.6	4.2	+4 30	12	0.404
12	1 0.4		+4 18		(0.539)

(756) [1908 *DC*] 14.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1 26.7	5.3	+13 33	62	(0.557)
11	1 21.4	5.3	+12 31	64	0.417
19	^{14}1 16.1	5.1	+11 27	65	0.418
27	1 11.0	4.6	+10 22	63	0.421
Nov. 4	1 6.4	3.8	+9 19	58	0.427
12	1 2.6		+8 21		(0.557)

(245) Vera 11.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1 30.2	6.2	+2 53	24	(0.394)
11	1 24.0	6.4	+2 29	22	0.171
19	^{15}1 17.6	6.1	+2 7	15	0.172
27	1 11.5	5.3	+1 52	7	0.179
Nov. 4	1 6.2	3.9	+1 45	2	0.189
12	1 2.3		+1 47		(0.393)

(723) Hammonia 13.0 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1 31.6	5.7	+4 57	48	(0.452)
11	1 25.9	6.1	+4 9	47	0.263
19	^{15}1 19.8	5.8	+3 22	43	0.264
27	1 14.0	5.0	+2 39	35	0.269
Nov. 4	1 9.0	4.0	+2 4	26	0.278
12	1 5.0		+1 38		(0.450)

(786) [1914 *UO*] 13.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1 35.6	5.9	−10 38	31	(0.558)
11	1 29.7	6.0	−11 9	23	0.425
19	^{16}1 23.7	5.7	−11 32	13	0.428
27	1 18.0	5.2	−11 45	3	0.434
Nov. 4	1 12.8	4.4	−11 48	8	0.443
12	1 8.4		−11 40		(0.561)

(293) Brasilia 13.2 1890

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3	1 40.2	6.9	−7 34	21	(0.485)
11	1 33.3	7.3	−7 55	13	0.317
19	^{17}1 26.0	7.0	−8 8	4	0.318
27	1 19.0	6.5	−8 12	8	0.322
Nov. 4	1 12.5	5.4	−8 4	20	0.330
12	1 7.1		−7 44		(0.479)

(720) [1911 *MW*] 13.0 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3		1h 39.9m	6.4	+ 9° 21′	31	(0.464)
11	17	1 33.5	6.8	+ 8 50	33	0.282
19		1 26.7	6.5	+ 8 17	32	0.286
27		1 20.2	5.8	+ 7 45	28	0.293
Nov. 4		1 14.4	4.7	+ 7 17	22	0.304
12		1 9.7		+ 6 55		(0.463)

(800) [1915 *WP*] 12.4 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3		1 51.2	8.9	+18 48	27	(0.297)
11	18	1 42.3	8.9	+18 21	37	0.000
19		1 33.4	8.5	+17 44	44	0.011
27		1 24.9	7.2	+17 0	47	0.022
Nov. 4		1 17.7	5.3	+16 13	43	0.039
12		1 12.4		+15 30		(0.317)

(744) Aguntina 13.9 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 3		1 49.3	5.3	+ 1 28	44	(0.530)
11	19	1 44.0	5.7	+ 0 44	42	0.380
19		1 38.3	5.7	+ 0 2	37	0.379
27		1 32.6	5.3	— 0 35	30	0.382
Nov. 4		1 27.3	4.6	— 1 5	21	0.387
12		1 22.7		— 1 26		(0.527)

(205) Martha 12.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11		1 46.1	6.2	+13 20	69	(0.429)
19	20	1 39.9	6.2	+12 11	70	0.228
27		1 33.7	5.6	+11 1	67	0.230
Nov. 4		1 28.1	4.6	+ 9 54	61	0.237
12		1 23.5	3.4	+ 8 53	52	0.248
20		1 20.1		+ 8 1		(0.429)

(629) Bernardina 13.8 1907

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11		1 47.2	6.3	— 2 23	29	(0.495)
19	20	1 40.9	6.3	— 2 52	22	0.330
27		1 34.6	5.9	— 3 14	14	0.331
Nov. 4		1 28.7	5.2	— 3 28	4	0.336
12		1 23.5	4.2	— 3 32	6	0.344
20		1 19.3		— 3 26		(0.486)

(583) Klotilde 13.3 1908

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11		1 48.1	6.0	+21 16	38	(0.517)
19	20	1 42.1	6.1	+20 38	44	0.360
27		1 36.0	5.9	+19 54	49	0.359
Nov. 4		1 30.1	5.1	+19 5	50	0.361
12		1 25.0	4.1	+18 15	47	0.366
20		1 20.9		+17 28		(0.510)

(91) Aegina 10.4 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11		1h 55.0m	7.1	+12° 46′	30	(0.384)
19	21	1 47.9	7.5	+12 16	34	0.152
27		1 40.4	7.0	+11 42	33	0.151
Nov. 4		1 33.4	5.9	+11 9	29	0.156
12		1 27.5	4.5	+10 40	21	0.166
20		1 23.0		+10 19		(0.377)

(64) Angelina 10.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11		1 56.3	7.0	+14 3	35	(0.429)
19	22	1 49.3	7.2	+13 28	39	0.226
27		1 42.1	6.8	+12 49	40	0.224
Nov. 4		1 35.3	6.0	+12 9	37	0.227
12		1 29.3	4.6	+11 32	30	0.234
20		1 24.7		+11 2		(0.420)

(784) [1914 *UM*] 13.9 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11		2 2.6	6.7	+16 32	15	(0.553)
19	23	1 55.9	6.8	+16 17	17	0.414
27		1 49.1	6.5	+16 0	19	0.416
Nov. 4		1 42.6	6.0	+15 41	19	0.421
12		1 36.6	5.0	+15 22	18	0.429
20		1 31.6		+15 4		(0.559)

(334) Chicago 12.0 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11		2 2.4	4.9	+ 6 8	31	(0.586)
19	23	1 57.5	5.1	+ 5 37	30	0.456
27		1 52.4	4.9	+ 5 7	26	0.457
Nov. 4		1 47.5	4.4	+ 4 41	21	0.461
12		1 43.1	3.8	+ 4 20	16	0.468
20		1 39.3		+ 4 4		(0.586)

(613) Ginevra 12.8 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11		2 11.2	7.0	+20 25	10	(0.443)
19	25	2 4.2	7.4	+20 15	19	0.252
27		1 56.8	7.1	+19 56	23	0.251
Nov. 4		1 49.7	6.6	+19 33	26	0.253
12		1 43.1	5.3	+19 7	25	0.259
20		1 37.8		+18 42		(0.441)

(416) Vaticana 12.2 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11		2 16.2	7.1	+ 3 26	19	(0.495)
19	26	2 9.1	7.4	+ 3 7	15	0.333
27		2 1.7	7.1	+ 2 52	9	0.336
Nov. 4		1 54.6	6.5	+ 2 43	3	0.343
12		1 48.1	5.6	+ 2 40	4	0.353
20		1 42.5		+ 2 44		(0.504)

*(139) Juewa 11.4 1912/'13

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11	2ʰ 17.7ᵐ	7.3	+22° 17′	6	(0.485)
19	[26] 2 10.4	7.7	+22 11	15	0.316
27	2 2.7	7.8	+21 56	20	0.311
Nov. 4	1 54.9	7.3	+21 36	25	0.311
12	1 47.6	6.2	+21 11	26	0.314
20	1 41.4		+20 45		(0.477)

(788) [1914 *UR*] 13.2 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11	2 14.1	5.3	+ 3 6	58	(0.544)
19	[26] 2 8.8	5.6	+ 2 8	52	0.401
27	2 3.2	5.4	+ 1 16	45	0.402
Nov. 4	1 57.8	5.0	+ 0 31	38	0.406
12	1 52.8	4.4	— 0 7	29	0.413
20	1 48.4		— 0 36		(0.544)

(755) [1908 *CZ*] 14.0 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11	2 18.1	5.4	+11 17	34	(0.557)
19	[27] 2 12.7	5.9	+10 43	36	0.417
27	2 6.8	5.8	+10 7	34	0.417
Nov. 4	2 1.0	5.4	+ 9 33	32	0.419
12	1 55.6	4.7	+ 9 1	26	0.425
20	1 50.9		+ 8 35		(0.557)

(597) Bandusia 12.3 1912

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11	2 23.7	7.9	+11 38	6	(0.385)
19	[27] 2 15.8	8.6	+11 44	3	0.162
27	2 7.2	8.3	+11 47	2	0.164
Nov. 4	1 58.9	7.6	+11 49	4	0.171
12	1 51.3	6.2	+11 53	7	0.183
20	1 45.1		+12 0		(0.396)

(607) Jenny 13.0 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11	2 22.4	6.5	+28 40	24	(0.488)
19	[27] 2 15.9	7.1	+28 16	35	0.326
27	2 8.8	7.1	+27 41	44	0.323
Nov. 4	2 1.7	6.5	+26 57	51	0.323
12	1 55.2	5.6	+26 6	55	0.327
20	1 49.6		+25 11		(0.487)

(166) Rhodope 11.2 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 11	2 21.1	5.6	— 8 37	58	(0.326)
19	[27] 2 15.5	6.2	— 9 35	41	0.065
27	2 9.3	6.2	—10 16	20	0.067
Nov. 4	2 3.1	5.3	—10 36	—3	0.075
12	1 57.8	4.0	—10 33	25	0.087
20	1 53.8		—10 8		(0.326)

(169) Zelia 11.0 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19	2ʰ 18.1ᵐ	8.7	+20° 20′	20	(0.343)
27	[27] 2 9.4	8.5	+20 0	28	0.087
Nov. 4	2 0.9	7.6	+19 32	31	0.094
12	1 53.3	6.1	+19 1	30	0.105
20	1 47.2	4.1	+18 31	25	0.122
28	1 43.1		+18 6		(0.354)

(47) Aglaja 11.0 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19	2 18.7	7.3	+17 59	23	(0.441)
27	[28] 2 11.4	7.2	+17 36	26	0.250
Nov. 4	2 4.2	6.6	+17 10	27	0.254
12	1 57.6	5.6	+16 43	26	0.263
20	1 52.0	4.1	+16 17	21	0.275
28	1 47.9		+15 56		(0.449)

(422) Berolina 12.3 1912

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19	2 21.1	9.0	+18 28	11	(0.272)
27	[28] 2 12.1	8.7	+18 17	17	9.951
Nov. 4	2 3.4	7.6	+18 0	19	9.962
12	1 55.8	5.6	+17 41	17	9.979
20	1 50.2	3.3	+17 24	12	0.002
28	1 46.9		+17 12		(0.291)

(187) Lamberta 12.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19	2 19.6	7.4	+17 22	18	(0.528)
27	[28] 2 12.2	7.3	+17 4	21	0.377
Nov. 4	2 4.9	7.0	+16 43	22	0.378
12	1 57.9	6.2	+16 21	20	0.383
20	1 51.7	5.1	+16 1	19	0.391
28	1 46.6		+15 42		(0.528)

(580) Selene 12.9 1912

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19	2 18.6	6.3	+ 8 17	29	(0.448)
27	[28] 2 12.3	6.1	+ 7 48	26	0.257
Nov. 4	2 6.2	5.8	+ 7 22	22	0.260
12	2 0.4	4.9	+ 7 0	14	0.266
20	1 55.5	3.7	+ 6 46	6	0.276
28	1 51.8		+ 6 40		(0.445)

(576) Emanuela 12.2 1905

1916	α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19	2 20.3	7.3	+30 38	30	(0.432)
27	[28] 2 13.0	7.2	+30 8	42	0.244
Nov. 4	2 5.8	6.5	+29 26	50	0.247
12	1 59.3	5.4	+28 36	56	0.254
20	1 53.9	3.9	+27 40	55	0.265
28	1 50.0		+26 45		(0.443)

(740) [1913 *QS*] 12.9 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19		2h 20.0m	6.2	−2° 30′	33	(0.512)
27	28	2 13.8	6.1	−3 3	24	0.358
Nov. 4		2 7.7	5.7	−3 27	15	0.360
12		2 2.0	5.1	−3 42	4	0.365
20		1 56.9	4.2	−3 46	6	0.375
28		1 52.7		−3 40		(0.507)

(282) Clorinde 12.9 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19		2h 39.5m	7.1	−0° 13′	60	(0.343)
27	1	2 32.4	7.3	−1 13	47	0.087
Nov. 4		2 25.1	7.1	−2 0	33	0.089
12		2 18.0	6.1	−2 33	14	0.096
20		2 11.9	4.5	−2 47	4	0.107
28		2 7.4		−2 43		(0.338)

(534) Nassovia 12.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19		2 26.5	6.7	+9 40	30	(0.425)
27	29	2 19.8	6.8	+9 10	28	0.222
Nov. 4		2 13.0	6.5	+8 42	25	0.222
12		2 6.5	5.6	+8 17	17	0.228
20		2 0.9	4.2	+8 0	9	0.237
28		1 56.7		+7 51		(0.421)

(257) Silesia 12.1 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19		2 38.8	6.5	+15 33	19	(0.438)
27	1	2 32.3	6.8	+15 14	21	0.243
Nov. 4		2 25.5	6.5	+14 53	21	0.242
12		2 19.0	5.9	+14 32	19	0.246
20		2 13.1	4.7	+14 13	15	0.253
28		2 8.4		+13 58		(0.436)

(267) Tirza 14.3 1909

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19		2 30.0	7.0	+8 35	25	(0.465)
27	30	2 23.0	7.2	+8 10	23	0.287
Nov. 4		2 15.8	6.7	+7 47	18	0.290
12		2 9.1	5.9	+7 29	12	0.298
20		2 3.2	4.7	+7 17	5	0.309
28		1 58.5		+7 12		(0.470)

(56) Melete 11.3 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19		2 44.3	7.2	+10 53	60	(0.410)
27	2	2 37.1	7.2	+9 53	58	0.205
Nov. 4		2 29.9	6.8	+8 55	51	0.211
12		2 23.1	6.0	+8 4	43	0.221
20		2 17.1	4.7	+7 21	32	0.236
28		2 12.4		+6 49		(0.426)

(505) Cava 10.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19		2 31.5	7.0	−1 57	16	(0.323)
27	30	2 24.5	7.5	−2 13	2	0.049
Nov. 4		2 17.0	6.9	−2 15	15	0.049
12		2 10.1	5.7	−2 0	31	0.055
20		2 4.4	4.0	−1 29	48	0.065
28		2 0.4		−0 41		(0.313)

(658) Asteria 13.3 1908

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 27		2 46.7	7.0	+17 59	28	(0.432)
Nov. 4	4	2 39.7	7.0	+17 31	30	0.234
12		2 32.7	6.4	+17 1	30	0.236
20		2 26.3	5.3	+16 31	26	0.242
28		2 21.0	4.0	+16 5	22	0.254
Dez. 6		2 17.0		+15 43		(0.431)

(504) Cora 11.6 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19		2 32.5	7.2	−8 34	17	(0.347)
27	31	2 25.3	7.3	−8 51	2	0.109
Nov. 4		2 18.0	6.5	−8 49	21	0.117
12		2 11.5	5.4	−8 28	38	0.131
20		2 6.1	3.9	−7 50	55	0.148
28		2 2.2		−6 55		(0.360)

(785) [1914 *UN*] 13.6 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 27		2 50.2	7.7	+5 32	15	(0.487)
Nov. 4	5	2 42.5	7.8	+5 17	11	0.319
12		2 34.7	7.2	+5 6	4	0.321
20		2 27.5	6.4	+5 2	4	0.327
28		2 21.1	5.2	+5 6	12	0.336
Dez. 6		2 15.9		+5 18		(0.482)

(742) [1913 *QU*] 12.0 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 19		2 33.4	7.0	+5 20	8	(0.436)
27	31	2 26.4	7.3	+5 12	4	0.243
Nov. 4		2 19.1	6.9	+5 8	2	0.246
12		2 12.2	6.0	+5 10	10	0.254
20		2 6.2	4.7	+5 20	18	0.266
28		2 1.5		+5 38		(0.441)

(594) Mireille 16.6 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 27		2 49.2	6.7	−24 11	42	(0.540)
Nov. 4	5	2 42.5	6.9	−24 53	27	0.427
12		2 35.6	6.3	−25 20	8	0.434
20		2 29.3	5.4	−25 28	9	0.443
28		2 23.9	4.3	−25 19	25	0.454
Dez. 6		2 19.6		−24 54		(0.546)

(538) Friederike 12.4 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 27		2h 50.5m	6.3	+ 5° 49'	34	(0.433)
Nov. 4	5	2 44.2	6.1	+ 5 15	27	0.240
12		2 38.1	5.6	+ 4 48	19	0.246
20		2 32.5	4.7	+ 4 29	8	0.255
28		2 27.8	3.3	+ 4 21	—1	0.268
Dez. 6		2 24.5		+ 4 22		(0.439)

(685) Hermia 13.2 1909

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 27		2 57.4	8.6	+18 35	54	(0.328)
Nov. 4	6	2 48.8	8.4	+17 41	57	0.063
12		2 40.4	7.5	+16 44	54	0.072
20		2 32.9	5.8	+15 50	46	0.087
28		2 27.1	3.9	+15 4	36	0.107
Dez. 6		2 23.2		+14 28		(0.347)

(145) Adeona 11.0 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 27		3 11.1	7.7	+ 5 2	5	(0.404)
Nov. 4	9	3 3.4	8.2	+ 4 57	—2	0.189
12		2 55.2	7.9	+ 4 59	11	0.187
20		2 47.3	7.1	+ 5 10	20	0.190
28		2 40.2	5.8	+ 5 30	30	0.198
Dez. 6		2 34.4		+ 6 0		(0.394)

(131) Vala 12.6 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 27		3 19.7	7.8	+15 32	22	(0.414)
Nov. 4	10	3 11.9	8.3	+15 10	20	0.206
12		3 3.6	8.1	+14 50	18	0.205
20		2 55.5	7.4	+14 32	14	0.210
28		2 48.1	6.1	+14 18	10	0.218
Dez. 6		2 42.0		+14 8		(0.413)

(378) Holmia 11.9 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 27		3 21.0	6.4	+20 6	51	(0.387)
Nov. 4	11	3 14.6	7.0	+19 15	55	0.164
12		3 7.6	6.7	+18 20	55	0.163
20		3 0.9	5.9	+17 25	53	0.168
28		2 55.0	4.7	+16 32	46	0.177
Dez. 6		2 50.3		+15 46		(0.391)

(737) [1912 *QB*] 10.9 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Okt. 27		3 23.8	7.1	+ 5 28	68	(0.382)
Nov. 4	11	3 16.7	7.4	+ 4 20	59	0.164
12		3 9.3	6.9	+ 3 21	47	0.171
20		3 2.4	6.1	+ 2 34	33	0.183
28		2 56.3	4.6	+ 2 1	16	0.200
Dez. 6		2 51.7		+ 1 45		(0.401)

(385) Ilmatar 10.6 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3h 26.1m	8.7	+37° 59'	3	(0.472)
12	13	3 17.4	8.8	+37 56	16	0.303
20		3 8.6	8.4	+37 40	28	0.301
28		3 0.2	7.3	+37 12	37	0.302
Dez. 6		2 52.9	5.8	+36 35	43	0.308
14		2 47.1		+35 52		(0.465)

*(**105**) Artemis 12.0 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 24.9	7.3	— 2 50	71	(0.442)
12	13	3 17.6	7.3	— 4 1	58	0.263
20		3 10.3	6.7	— 4 59	41	0.268
28		3 3.6	5.8	— 5 40	24	0.278
Dez. 6		2 57.8	4.4	— 6 4	7	0.292
14		2 53.4		— 6 11		(0.445)

(488) Kreusa 11.5 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 24.5	6.7	+ 7 48	11	(0.505)
12	13	3 17.8	6.8	+ 7 37	5	0.345
20		3 11.0	6.5	+ 7 32	—1	0.345
28		3 4.5	5.7	+ 7 33	7	0.349
Dez. 6		2 58.8	4.6	+ 7 40	14	0.356
14		2 54.2		+ 7 54		(0.497)

(214) Aschera 12.0 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 29.4	7.9	+24 17	21	(0.409)
12	14	3 21.5	8.0	+23 56	26	0.198
20		3 13.5	7.6	+23 30	29	0.199
28		3 5.9	6.4	+23 1	30	0.204
Dez. 6		2 59.5	4.8	+22 31	30	0.214
14		2 54.7		+22 1		(0.407)

(469) Argentina 13.1 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 28.9	7.4	+35 28	10	(0.530)
12	14	3 21.5	7.7	+35 18	21	0.384
20		3 13.8	7.3	+34 57	29	0.382
28		3 6.5	6.5	+34 28	36	0.383
Dez. 6		3 0.0	5.3	+33 52	39	0.387
14		2 54.7		+33 13		(0.523)

(683) Lanzia 12.5 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 28.5	6.9	+32 3	51	(0.503)
12	14	3 21.6	7.0	+31 12	60	0.345
20		3 14.6	6.6	+30 12	65	0.343
28		3 8.0	5.6	+29 7	69	0.347
Dez. 6		3 2.4	4.4	+27 58	67	0.353
14		2 58.0		+26 51		(0.501)

(448) Natalie 13.2 1910

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3h 29.9m	7.8	+23° 12′	5	(0.472)
12	14	3 22.1	7.8	+23 17	—	0.300
20		3 14.3	7.3	+23 17	3	0.304
28		3 7.0	6.3	+23 14	4	0.311
Dez. 6		3 0.7	5.0	+23 10	3	0.323
14		2 55.7		+23 7		(0.482)

(637) Chrysothemis 14.2 1907

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3h 38.2m	6.4	+19° 52′	22	(0.522)
12	16	3 31.8	6.6	+19 30	23	0.368
20		3 25.2	6.4	+19 7	23	0.366
28		3 18.8	5.8	+18 44	23	0.368
Dez. 6		3 13.0	5.1	+18 21	21	0.374
14		3 7.9		+18 0		(0.516)

(573) Recha 12.6 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 30.3	7.9	+33 35	7	(0.438)
12	14	3 22.4	7.9	+33 28	19	0.251
20		3 14.5	7.6	+33 9	28	0.252
28		3 6.9	6.4	+32 41	35	0.258
Dez. 6		3 0.5	4.7	+32 6	37	0.267
14		2 55.8		+31 29		(0.443)

(430) Hybris 11.5 1897

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 44.5	6.0	+28 33	89	(0.326)
12	17	3 38.5	6.6	+27 4	101	0.054
20		3 31.9	6.2	+25 23	107	0.051
28		3 25.7	5.1	+23 36	106	0.054
Dez. 6		3 20.6	3.4	+21 50	99	0.063
14		3 17.2		+20 11		(0.323)

(600) Musa 13.3 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 29.9	6.9	+ 2 52	31	(0.446)
12	14	3 23.0	7.1	+ 2 21	21	0.262
20		3 15.9	6.6	+ 2 0	10	0.266
28		3 9.3	5.8	+ 1 50	—	0.273
Dez. 6		3 3.5	4.5	+ 1 50	12	0.286
14		2 59.0		+ 2 2		(0.447)

(211) Isolda 10.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 45.4	6.5	+23 17	30	(0.412)
12	17	3 38.9	7.0	+22 47	34	0.202
20		3 31.9	6.8	+22 13	38	0.200
28		3 25.1	5.9	+21 35	37	0.203
Dez. 6		3 19.2	4.6	+20 58	34	0.211
14		3 14.6		+20 24		(0.408)

(165) Loreley 11.4 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 31.8	7.2	+34 34	23	(0.512)
12	14	3 24.6	7.4	+34 11	33	0.361
20		3 17.2	6.9	+33 38	41	0.361
28		3 10.3	6.1	+32 57	46	0.365
Dez. 6		3 4.2	4.8	+32 11	47	0.372
14		2 59.4		+31 24		(0.515)

(559) Nanon 12.7 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 46.3	7.2	+ 7 17	19	(0.461)
12	17	3 39.1	7.2	+ 6 58	13	0.282
20		3 31.9	7.2	+ 6 45	7	0.283
28		3 24.7	6.4	+ 6 38	3	0.288
Dez. 6		3 18.3	5.4	+ 6 41	10	0.297
14		3 12.9		+ 6 51		(0.461)

(83) Beatrix 11.7 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 34.5	8.5	+22 31	13	(0.412)
12	15	3 26.0	8.7	+22 18	17	0.202
20		3 17.3	8.3	+22 1	21	0.201
28		3 9.0	7.3	+21 40	20	0.205
Dez. 6		3 1.7	5.7	+21 20	19	0.214
14		2 56.0		+21 1		(0.407)

(563) Suleika 9.6 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 48.5	7.2	+ 8 32	16	(0.318)
12	18	3 41.3	7.8	+ 8 48	25	0.041
20		3 33.5	7.7	+ 9 13	35	0.040
28		3 25.8	6.6	+ 9 48	43	0.046
Dez. 6		3 19.2	4.9	+10 31	51	0.058
14		3 14.3		+11 22		(0.317)

(336) Lacadiera 12.3 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3 37.5	8.4	+20 9	50	(0.385)
12	15	3 29.1	8.6	+19 19	51	0.159
20		3 20.5	8.0	+18 28	51	0.162
28		3 12.5	6.8	+17 37	46	0.169
Dez. 6		3 5.7	5.2	+16 51	39	0.182
14		3 0.5		+16 12		(0.389)

(372) Palma 9.1 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		4 0.6	9.6	+58 55	35	(0.372)
12	19	3 51.0	11.0	+59 30	5	0.182
20		3 40.0	11.1	+59 35	24	0.175
28		3 28.9	9.8	+59 11	52	0.171
Dez. 6		3 19.1	7.1	+58 19	76	0.172
14		3 12.0		+57 3		(0.367)

(200) Dynamene 10.5 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 4		3ʰ 57.ᵐ1	7.4	+32° 11′	8	(0.375)
12	19	3 49.7	8.2	+32 3	21	0.149
20		3 41.5	8.0	+31 42	31	0.147
28		3 33.5	7.2	+31 11	40	0.150
Dez. 6		3 26.3	5.6	+30 31	43	0.157
14		3 20.7		+29 48		(0.377)

(60) Echo 10.1 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12		4ʰ 1.ᵐ5	7.7	+15° 49′	42	(0.310)
20	22	3 53.8	7.8	+15 7	39	0.020
28		3 46.0	7.2	+14 28	32	0.019
Dez. 6		3 38.8	5.7	+13 56	23	0.024
14		3 33.1	3.8	+13 33	12	0.035
22		3 29.3		+13 21		(0.300)

(118) Peitho 9.8 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12		3 51.1	8.9	+22 13	19	(0.314)
20	20	3 42.2	8.9	+22 32	14	0.029
28		3 33.3	8.1	+22 46	11	0.031
Dez. 6		3 25.2	6.3	+22 57	11	0.039
14		3 18.9	4.1	+23 8	12	0.053
22		3 14.8		+23 20		(0.310)

(308) Polyxo 11.1 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12		4 6.4	7.2	+15 15	29	(0.448)
20	23	3 59.2	7.3	+14 46	28	0.260
28		3 51.9	6.9	+14 18	23	0.263
Dez. 6		3 45.0	5.9	+13 55	17	0.269
14		3 39.1	4.6	+13 38	10	0.280
22		3 34.5		+13 28		(0.450)

(188) Menippe 13.2 1909

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12		3 52.0	7.5	+21 52	54	(0.452)
20	20	3 44.5	7.3	+20 58	54	0.269
28		3 37.2	6.6	+20 4	53	0.275
Dez. 6		3 30.6	5.4	+19 11	48	0.285
14		3 25.2	4.0	+18 23	41	0.299
22		3 21.2		+17 42		(0.463)

(52) Europa 9.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12		4 11.6	6.5	+10 11	17	(0.451)
20	24	4 5.1	6.8	+ 9 54	12	0.266
28		3 58.3	6.6	+ 9 42	5 —	0.266
Dez. 6		3 51.7	5.8	+ 9 37	3	0.270
14		3 45.9	4.6	+ 9 40	10	0.278
22		3 41.3		+ 9 50		(0.447)

(420) Bertholda 12.1 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12		3 53.3	6.3	+21 45	32	(0.520)
20	20	3 47.0	6.2	+21 13	33	0.366
28		3 40.8	5.8	+20 40	34	0.367
Dez. 6		3 35.0	5.0	+20 6	31	0.372
14		3 30.0	3.9	+19 35	28	0.380
22		3 26.1		+19 7		(0.519)

(790) [1912 *NW*] 13.2 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12		4 12.4	6.4	+27 9	43	(0.571)
20	24	4 6.0	6.5	+26 26	48	0.440
28		3 59.5	6.3	+25 38	49	0.440
Dez. 6		3 53.2	5.5	+24 49	49	0.445
14		3 47.7	4.6	+24 0	47	0.452
22		3 43.1		+23 13		(0.576)

(581) Tauntonia 13.5 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12		3 55.2	6.9	− 5 1	8	(0.488)
20	21	3 48.3	6.9	− 4 53	21	0.332
28		3 41.4	6.3	− 4 32	34	0.336
Dez. 6		3 35.1	5.5	− 3 58	46	0.342
14		3 29.6	4.3	− 3 12	57	0.352
22		3 25.3		− 2 15		(0.488)

(102) Miriam 11.7 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12		4 25.7	7.7	+17 24	40	(0.351)
20	26	4 18.0	7.9	+16 44	39	0.108
28		4 10.1	7.4	+16 5	34	0.114
Dez. 6		4 2.7	6.2	+15 31	26	0.126
14		3 56.5	4.7	+15 5	19	0.143
22		3 51.8		+14 46		(0.371)

(487) Venetia 11.4 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12		3 59.4	7.6	+ 5 31	6 —	(0.390)
20	21	3 51.8	7.5	+ 5 25	3	0.172
28		3 44.3	6.9	+ 5 28	14	0.177
Dez. 6		3 37.4	5.8	+ 5 42	25	0.186
14		3 31.6	4.3	+ 6 7	35	0.199
22		3 27.3		+ 6 42		(0.393)

(624) Hektor 13.2 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12		4 22.4	5.3	+43 45	1 —	(0.721)
20	27	4 17.1	5.6	+43 46	6	0.639
28		4 11.5	5.7	+43 40	13	0.637
Dez. 6		4 5.8	5.4	+43 27	20	0.637
14		4 0.4	4.7	+43 7	25	0.639
22		3 55.7		+42 42		(0.721)

(259) Aletheia 12.7 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12	$4^h\ 26^m.2$	6.4	$+15^\circ\ 1'$	3	(0.543)
20	27 4 19.8	6.8	+14 58	1	0.401
28	4 13.0	6.7	+14 57	—	0.400
Dez. 6	4 6.3	6.2	+14 57	3	0.403
14	4 0.1	5.4	+15 0	7	0.409
22	3 54.7		+15 7		(0.544)

(403) Cyane 11.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12	4 30.0	6.9	+22 44	42	(0.430)
20	28 4 23.1	7.4	+22 2	46	0.232
28	4 15.7	7.4	+21 16	47	0.228
Dez. 6	4 8.3	6.7	+20 29	45	0.229
14	4 1.6	5.6	+19 44	42	0.235
22	3 56.0		+19 2		(0.424)

(509) Jolanda 11.2 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 12	4 29.6	6.3	+12 28	58	(0.457)
20	28 4 23.3	6.6	+11 30	54	0.278
28	4 16.7	6.5	+10 36	47	0.279
Dez. 6	4 10.2	5.8	+ 9 49	39	0.284
14	4 4.4	4.9	+ 9 10	30	0.393
22	3 59.5		+ 8 40		(0.462)

(545) Messalina 12.7 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 20	4 25.1	7.8	+37 20	11	(0.538)
28	28 4 17.3	7.8	+37 9	22	0.399
Dez. 6	4 9.5	7.1	+36 47	30	0.402
14	4 2.4	6.0	+36 17	35	0.408
22	3 56.4	4.7	+35 42	37	0.417
30	3 51.7		+35 5		(0.546)

(522) Helga 12.5 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 20	4 23.9	6.1	+16 32	10	(0.546)
28	28 4 17.8	6.1	+16 22	9	0.405
Dez. 6	4 11.7	5.6	+16 13	7	0.408
14	4 6.1	4.8	+16 6	3	0.414
22	4 1.3	3.7	+16 3	—1	0.423
30	3 57.6		+16 4		(0.550)

(114) Kassandra 11.0 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 20	4 26.5	7.6	+13 57	24	(0.419)
28	28 4 18.9	7.6	+13 33	20	0.213
Dez. 6	4 11.3	7.0	+13 13	14	0.213
14	4 4.3	5.8	+12 59	6	0.218
22	3 58.5	4.4	+12 53	—1	0.227
30	3 54.1		+12 54		(0.409)

(537) Pauly 13.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 20	$4^h\ 28^m.7$	6.9	$+ 9^\circ\ 50'$	6	(0.516)
28	29 4 21.8	6.8	+ 9 44	2	0.367
Dez. 6	4 15.0	6.3	+ 9 42	—4	0.372
14	4 8.7	5.5	+ 9 46	9	0.381
22	4 3.2	4.3	+ 9 55	17	0.393
30	3 58.9		+10 12		(0.527)

(310) Margarita 13.8 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 20	4 30.2	7.5	+20 40	25	(0.464)
28	29 4 22.7	7.6	+20 15	26	0.282
Dez. 6	4 15.1	7.0	+19 49	25	0.283
14	4 8.1	6.2	+19 24	22	0.287
22	4 1.9	4.8	+19 2	18	0.296
30	3 57.1		+18 44		(0.458)

(368) Haidea 13.7 1893

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 20	4 37.6	6.9	+18 52	31	(0.501)
28	30 4 30.7	7.0	+18 21	30	0.342
Dez. 6	4 23.7	6.5	+17 51	27	0.346
14	4 17.2	5.6	+17 24	24	0.354
22	4 11.6	4.4	+17 0	18	0.365
30	4 7.2		+16 42		(0.510)

(17) Thetis 10.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 20	4 51.9	7.9	+15 16	10	(0.445)
28	3 4 44.0	8.2	+15 6	8	0.258
Dez. 6	4 35.8	8.0	+14 58	4	0.258
14	4 27.8	7.1	+14 54	—	0.264
22	4 20.7	5.8	+14 54	6	0.274
30	4 14.9		+15 0		(0.447)

***(23) Thalia** 9.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 20	4 55.3	8.0	+22 35	36	(0.345)
28	3 4 47.3	9.0	+23 11	35	0.085
Dez. 6	4 38.3	9.0	+23 46	33	0.078
14	4 29.3	8.2	+24 19	30	0.078
22	4 21.1	6.4	+24 49	27	0.084
30	4 14.7		+25 16		(0.330)

(335) Roberta 12.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 20	4 58.6	8.0	+15 1	15	(0.443)
28	4 4 50.6	8.2	+14 46	12	0.258
Dez. 6	4 42.4	8.0	+14 34	8	0.260
14	4 34.4	7.1	+14 26	2	0.266
22	4 27.3	5.8	+14 24	—2	0.276
30	4 21.5		+14 26		(0.451)

(31) Euphrosyne 9.7 1913

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 20		5h 7m.4	10.8	+50° 52′	91	(0.392)
28	5	4 56.6	12.5	+52 23	68	0.196
Dez. 6		4 44.1	12.8	+53 31	43	0.194
14		4 31.3	11.8	+54 14	18	0.196
22		4 19.5	9.7	+54 32	−4	0.202
30		4 9.8		+54 28		(0.389)

(20) Massalia 8.3 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 20		5 2.0	7.6	+21 57	15	(0.323)
28	5	4 54.4	8.4	+21 42	17	0.048
Dez. 6		4 46.0	8.3	+21 25	18	0.044
14		4 37.7	7.3	+21 7	16	0.046
22		4 30.4	5.6	+20 51	13	0.055
30		4 24.8		+20 38		(0.316)

(156) Xantippe 12.1 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 28		5 1.1	7.6	+20 16	31	(0.501)
Dez. 6	6	4 53.5	7.6	+19 45	30	0.338
14		4 45.9	7.2	+19 15	30	0.338
22		4 38.7	6.2	+18 45	26	0.342
30		4 32.5	5.0	+18 19	22	0.349
38		4 27.5		+17 57		(0.493)

***(9) Metis** 8.1 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 28		5 5.5	8.8	+23 31	17	(0.321)
Dez. 6	7	4 56.7	8.9	+23 48	16	0.045
14		4 47.8	8.2	+24 4	14	0.048
22		4 39.6	6.4	+24 18	11	0.057
30		4 33.2	4.3	+24 29	11	0.073
38		4 28.9		+24 40		(0.322)

(468) Lina 12.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 28		5 8.3	7.4	+23 30	9	(0.464)
Dez. 6	7	5 0.9	7.3	+23 21	10	0.289
14		4 53.6	6.7	+23 11	11	0.294
22		4 46.9	5.7	+23 0	10	0.303
30		4 41.2	4.3	+22 50	9	0.316
38		4 36.9		+22 41		(0.476)

(456) Abnoba 13.7 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 28		5 13.4	7.1	+14 3	37	(0.510)
Dez. 6	8	5 6.3	7.2	+13 26	33	0.353
14		4 59.1	7.0	+12 53	28	0.354
22		4 52.1	6.1	+12 25	23	0.358
30		4 46.0	5.1	+12 2	16	0.365
38		4 40.9		+11 46		(0.506)

(436) Patricia 12.8 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 28		5h 19m.0	9.6	+49° 51′	8	(0.484)
Dez. 6	9	5 9.4	9.8	+49 59	−9	0.332
14		4 59.6	9.2	+49 50	24	0.333
22		4 50.4	8.0	+49 26	38	0.338
30		4 42.4	6.1	+48 48	48	0.345
38		4 36.3		+48 0		(0.489)

(746) [1913 *QY*] 13.1 1915

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 28		5 20.0	9.2	+46 19	6	(0.539)
Dez. 6	9	5 10.8	9.4	+46 25	−4	0.405
14		5 1.4	8.9	+46 21	18	0.407
22		4 52.5	7.9	+46 3	27	0.413
30		4 44.6	6.3	+45 36	36	0.421
38		4 38.3		+45 0		(0.546)

(112) Iphigenia 11.6 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 28		5 29.7	8.9	+27 17	9	(0.387)
Dez. 6	11	5 20.8	9.2	+27 8	14	0.167
14		5 11.6	8.7	+26 54	18	0.170
22		5 2.9	7.6	+26 36	20	0.178
30		4 55.3	5.8	+26 16	21	0.190
38		4 49.5		+25 55		(0.397)

(279) Thule 14.1 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 28		5 25.1	5.2	+23 23	3	(0.654)
Dez. 6	11	5 19.9	5.5	+23 20	3	0.548
14		5 14.4	5.3	+23 17	3	0.548
22		5 9.1	4.9	+23 14	4	0.551
30		5 4.2	4.2	+23 10	4	0.556
38		5 0.0		+23 6		(0.656)

(362) Havnia 10.8 1914

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 28		5 36.8	8.7	+33 28	22	(0.393)
Dez. 6	12	5 28.1	9.4	+33 50	11	0.178
14		5 18.7	9.2	+34 1	1	0.176
22		5 9.5	8.2	+34 2	−7	0.181
30		5 1.3	6.5	+33 55	15	0.190
38		4 54.8		+33 40		(0.395)

(355) Gabriella 12.4 1912

1916		α_{1925}		δ_{1925}		(log r) log Δ
Nov. 28		5 36.9	8.2	+30 50	4	(0.355)
Dez. 6	13	5 28.7	9.0	+30 54	−5	0.111
14		5 19.7	8.7	+30 49	13	0.109
22		5 11.0	7.7	+30 36	19	0.113
30		5 3.3	5.9	+30 17	24	0.122
38		4 57.4		+29 53		(0.355)

(375) Ursula 11.3 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Nov. 28	5h 39m.9	8.6	+45° 12'	4 —	(0.512)
Dez. 6	$_{13}$5 31.3	9.1	+45 16	10	0.367
14	5 22.2	8.8	+45 6	22	0.365
22	5 13.4	8.1	+44 44	34	0.370
30	5 5.3	6.6	+44 10	43	0.376
38	4 58.7		+43 27		(0.517)

(678) Fredegundis 11.5 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	5 34.9	8.6	+27 41	36	(0.323)
14	$_{14}$5 26.3	8.2	+27 5	40	0.054
22	5 18.1	7.0	+26 25	43	0.063
30	5 11.1	5.3	+25 42	40	0.077
38	5 5.8	3.0	+25 2	38	0.096
46	5 2.8		+24 24		(0.337)

(225) Henrietta 13.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	5 33.5	5.8	−0 23	18	(0.603)
14	$_{14}$5 27.7	5.8	−0 41	10	0.492
22	5 21.9	5.4	−0 51	—	0.495
30	5 16.5	4.8	−0 51	8	0.501
38	5 11.7	3.9	−0 43	15	0.510
46	5 7.8		−0 28		(0.609)

(292) Ludovica 12.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	5 41.3	10.2	+38 24	37	(0.407)
14	$_{15}$5 31.1	10.4	+39 1	23	0.202
22	5 20.7	9.7	+39 24	9 —	0.206
30	5 11.0	8.1	+39 33	3	0.213
38	5 2.9	6.0	+39 30	12	0.225
46	4 56.9		+39 18		(0.409)

(321) Florentina 12.9 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	5 40.4	7.8	+26 1	2 —	(0.440)
14	$_{15}$5 32.6	7.8	+26 3	1	0.248
22	5 24.8	7.3	+26 2	4	0.250
30	5 17.5	6.2	+25 58	6	0.257
38	5 11.3	4.6	+25 52	6	0.267
46	5 6.7		+25 46		(0.440)

(218) Bianka 12.0 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	5 41.5	7.1	+ 0 47	11 —	(0.465)
14	$_{15}$5 34.4	7.3	+ 0 36	1	0.297
22	5 27.1	6.8	+ 0 37	13	0.298
30	5 20.3	6.0	+ 0 50	25	0.302
38	5 14.3	4.8	+ 1 15	35	0.310
46	5 9.5		+ 1 50		(0.461)

(458) Hercynia 11.6 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	5h 42m.2	6.9	+ 5° 35'	24	(0.367)
14	$_{15}$5 35.3	7.0	+ 5 59	36	0.140
22	5 28.3	6.4	+ 6 35	48	0.146
30	5 21.9	5.2	+ 7 23	56	0.156
38	5 16.7	3.5	+ 8 19	63	0.171
46	5 13.2		+ 9 22		(0.378)

(532) Herculina 9.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	5 51.5	7.8	+12 26	30	(0.442)
14	$_{17}$5 43.7	8.0	+12 56	37	0.250
22	5 35.7	7.9	+13 33	43	0.247
30	5 27.8	7.1	+14 16	46	0.249
38	5 20.7	5.9	+15 2	49	0.255
46	5 14.8		+15 51		(0.430)

(69) Hesperia 9.4 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	5 57.3	6.6	+10 7	17	(0.402)
14	$_{18}$5 50.7	7.0	+ 9 50	9 —	0.191
22	5 43.7	6.7	+ 9 41	1	0.189
30	5 37.0	5.9	+ 9 42	10	0.193
38	5 31.1	4.5	+ 9 52	18	0.201
46	5 26.6		+10 10		(0.397)

(743) [1913 *QV*] 12.8 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	6 0.5	7.5	+19 11	15	(0.424)
14	$_{19}$5 53.0	7.7	+18 56	14	0.225
22	5 45.3	7.4	+18 42	12	0.226
30	5 37.9	6.5	+18 30	8	0.231
38	5 31.4	5.2	+18 22	6	0.241
46	5 26.2		+18 16		(0.427)

(184) Dejopeja 12.5 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	6 4.1	6.8	+24 59	0	(0.509)
14	$_{19}$5 57.3	7.1	+24 59	2	0.352
22	5 50.2	7.0	+24 57	4	0.350
30	5 43.2	6.5	+24 53	5	0.352
38	5 36.7	5.3	+24 48	6	0.358
46	5 31.4		+24 42		(0.506)

*(178) **Belisana** 12.3 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	6 11.3	8.3	+25 8	8	(0.410)
14	$_{20}$6 3.0	8.9	+25 16	5	0.203
22	5 54.1	8.6	+25 21	2 —	0.202
30	5 45.5	7.8	+25 23	2	0.205
38	5 37.7	6.5	+25 21	3	0.214
46	5 31.2		+25 18		(0.410)

(162) Laurentia 11.6 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	6h 14.9m	7.3	+30°27'	22	(0.425)
14	[21] 6 7.6	8.2	+30 49	16	0.224
22	5 59.4	8.1	+31 5	9	0.219
30	5 51.3	7.6	+31 14	2	0.219
38	5 43.7	6.3	+31 16	— 4	0.224
46	5 37.4		+31 12		(0.415)

(288) Glauke 12.7 1913

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 6	6 17.6	7.2	+19 50	7	(0.460)
14	[22] 6 10.4	7.9	+19 57	9	0.277
22	6 2.5	8.0	+20 6	10	0.272
30	5 54.5	7.5	+20 16	10	0.270
38	5 47.0	6.4	+20 26	10	0.273
46	5 40.6		+20 36		(0.447)

(369) Aëria 12.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 14	6 16.1	8.4	+21 35	41	(0.418)
22	[23] 6 7.7	8.5	+22 16	40	0.216
30	5 59.2	7.9	+22 56	38	0.220
38	5 51.3	6.6	+23 34	34	0.229
46	5 44.7	5.1	+24 8	31	0.242
54	5 39.6		+24 39		(0.425)

(6) Hebe 8.0 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 14	6 20.2	8.3	+ 3 19	43	(0.342)
22	6 11.9	8.3	+ 4 2	58	0.102
30	[23] 6 3.6	7.5	+ 5 0	71	0.108
38	5 56.1	6.2	+ 6 11	77	0.120
46	5 49.9	4.3	+ 7 28	80	0.137
54	5 45.6		+ 8 48		(0.359)

(206) Hersilia 11.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 14	6 19.5	7.6	+18 28	7	(0.420)
22	6 11.9	7.8	+18 35	10	0.217
30	[23] 6 4.1	7.2	+18 45	12	0.219
38	5 56.9	6.3	+18 57	13	0.225
46	5 50.6	4.7	+19 10	14	0.236
54	5 45.9		+19 24		(0.420)

(741) [1913 *QT*] 12.8 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 14	6 23.8	7.8	+20 54	29	(0.421)
22	[24] 6 16.0	8.1	+21 23	28	0.217
30	6 7.9	7.8	+21 51	29	0.217
38	6 0.1	6.9	+22 20	26	0.221
46	5 53.2	5.2	+22 46	25	0.230
54	5 48.0		+23 11		(0.417)

(263) Dresda 13.2 1906

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 14	6h 26.4m	7.5	+21°44'	2	(0.450)
22	[25] 6 18.9	7.7	+21 46	1	0.265
30	6 11.2	7.2	+21 47	1	0.268
38	6 4.0	6.3	+21 48	1	0.274
46	5 57.7	4.9	+21 49	0	0.284
54	5 52.8		+21 49		(0.455)

(195) Eurykleia 12.4 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 14	6 32.0	8.2	+33 54	13	(0.443)
22	[26] 6 23.8	8.5	+34 7	5	0.256
30	6 15.3	8.2	+34 12	— 5	0.256
38	6 7.1	7.2	+34 7	12	0.260
46	5 59.9	5.6	+33 55	18	0.269
54	5 54.3		+33 37		(0.442)

(585) Bilkis 12.2 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 14	6 36.7	7.6	+ 9 58	6	(0.346)
22	[27] 6 29.1	8.1	+ 9 52	— 5	0.095
30	6 21.0	7.9	+ 9 57	15	0.091
38	6 13.1	6.9	+10 12	26	0.093
46	6 6.2	5.4	+10 38	32	0.100
54	6 0.8		+11 10		(0.338)

(704) Interamnia 10.1 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 14	6 40.4	8.2	+26 46	34	(0.463)
22	6 32.2	8.2	+26 12	38	0.287
30	[27] 6 24.0	7.9	+25 34	40	0.289
38	6 16.1	7.0	+24 54	40	0.296
46	6 9.1	5.6	+24 14	40	0.306
54	6 3.5		+23 34		(0.472)

(588) Achilles 13.7 1914

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 14	6 38.5	5.3	+31 47	2	(0.653)
22	[28] 6 33.2	5.5	+31 45	6	0.547
30	6 27.7	5.4	+31 39	8	0.547
38	6 22.3	5.0	+31 31	12	0.549
46	6 17.3	4.2	+31 19	15	0.554
54	6 13.1		+31 4		(0.654)

(273) Atropos 12.6 1915

1916	α_{1925}		δ_{1925}		(log r) log Δ
Dez. 14	6 43.9	7.5	— 4 31	8	(0.444)
22	[28] 6 36.4	7.9	— 4 23	24	0.274
30	6 28.5	7.8	— 3 59	40	0.272
38	6 20.7	7.2	— 3 19	53	0.274
46	6 13.5	6.0	— 2 26	66	0.280
54	6 7.5		— 1 20		(0.444)

1916	α_{1925}		δ_{1925}		(log r) log Δ
(465) Alekto			13.0	1908	
Dez. 14	6ʰ 45ᵐ.1	7.0	+26° 8′	2	(0.531)
22	6 38.1	7.4	+26 10	— 1	0.382
30	28 6 30.7	7.4	+26 9	3	0.379
38	6 23.3	6.9	+26 6	6	0.379
46	6 16.4	6.0	+26 0	9	0.383
54	6 10.4		+25 51		(0.523)
(317) Roxane			12.4	1914	
Dez. 14	6 48.3	8.6	+20 30	10	(0.373)
22	6 39.7	9.2	+20 40	12	0.144
30	28 6 30.5	8.9	+20 52	12	0.144
38	6 21.6	8.0	+21 4	10	0.150
46	6 13.6	6.4	+21 14	10	0.161
54	6 7.2		+21 24		(0.379)
(711) Marmulla			14.0	1912	
Dez. 14	6 58.5	9.7	+32 21	14	(0.419)
22	6 48.8	10.4	+32 35	9	0.221
30	30 6 38.4	10.2	+32 44	— 1	0.221
38	6 28.2	9.2	+32 43	10	0.225
46	6 19.0	7.8	+32 33	18	0.234
54	6 11.2		+32 15		(0.423)
(409) Aspasia			10.9	1914	
Dez. 14	6 56.0	7.4	+13 15	26	(0.431)
22	6 48.6	8.1	+12 49	21	0.239
30	30 6 40.5	8.0	+12 28	15	0.236
38	6 32.5	7.5	+12 13	9	0.236
46	6 25.0	6.3	+12 4	4	0.242
54	6 18.7		+12 0		(0.428)
(373) Melusina			13.0	1907	
Dez. 22	6 56.6	9.3	+45 0	11	(0.499)
30	6 47.3	9.2	+45 11	— 3	0.351
38	31 6 38.1	8.5	+45 8	16	0.355
46	6 29.6	7.3	+44 52	27	0.362
54	6 22.3	5.6	+44 25	36	0.372
62	6 16.7		+43 49		(0.506)

(82) ALKMENE 1916

12h Mittl. Zeit Greenw.	α vera (h m s)	Diff. (s)	δ vera (° ′ ″)	Diff. (′ ″)	log Δ	Aberr.-Zt (m s)
Jan. 29	10 0 30.27	−43.49	+17 17 37.4	+3 56.6	0.072420	9 49
30	9 59 46.78	44.75	17 21 34.0	3 58.5	0.071218	9 47
31	9 59 2.03	45.93	17 25 32.5	3 59.8	0.070103	9 46
Febr. 1	9 58 16.10	47.04	17 29 32.3	4 0.5	0.069074	9 44
2	9 57 29.06	−48.07	17 33 32.8	+4 0.7	0.068134	9 43
3	9 56 40.99	49.01	+17 37 33.5	4 0.3	0.067285	9 42
4	9 55 51.98	49.87	17 41 33.8	3 59.6	0.066527	9 41
5	9 55 2.11	50.63	17 45 33.4	3 58.2	0.065861	9 40
6	9 54 11.48	51.31	17 49 31.6	3 56.2	0.065289	9 39
7	9 53 20.17	−51.89	17 53 27.8	+3 53.8	0.064811	9 39
8	9 52 28.28	52.38	+17 57 21.6	3 51.0	0.064428	9 38
9	9 51 35.90	52.79	18 1 12.6	3 47.5	0.064139	9 38
10	9 50 43.11	53.09	18 5 0.1	3 43.7	0.063946	9 37
11	9 49 50.02	53.30	18 8 43.8	3 39.4	0.063849	9 37
12	9 48 56.72	−53.43	18 12 23.2	+3 34.7	0.063847	9 37
13	9 48 3.29	53.45	+18 15 57.9	3 29.5	0.063940	9 37
☍ 14	9 47 9.84	53.39	18 19 27.4	3 23.9	0.064129	9 38
15	9 46 16.45	53.24	18 22 51.3	3 18.0	0.064413	9 38
16	9 45 23.21	52.99	18 26 9.3	3 11.7	0.064791	9 39
17	9 44 30.22	−52.66	18 29 21.0	+3 5.0	0.065263	9 39
18	9 43 37.56	52.24	+18 32 26.0	2 58.1	0.065829	9 40
19	9 42 45.32	51.73	18 35 24.1	2 50.7	0.066486	9 41
20	9 41 53.59	51.14	18 38 14.8	2 43.2	0.067236	9 42
21	9 41 2.45	50.47	18 40 58.0	2 35.3	0.068076	9 43
22	9 40 11.98	−49.71	18 43 33.3	+2 27.1	0.069005	9 44
23	9 39 22.27	48.86	+18 46 0.4	2 18.8	0.070023	9 46
24	9 38 33.41	47.95	18 48 19.2	2 10.2	0.071129	9 47
25	9 37 45.46	46.95	18 50 29.4	2 1.4	0.072320	9 49
26	9 36 58.51	45.88	18 52 30.8	1 52.3	0.073597	9 50
27	9 36 12.63	−44.73	18 54 23.1	+1 43.1	0.074956	9 52
28	9 35 27.90	43.50	+18 56 6.2	1 33.7	0.076397	9 54
29	9 34 44.40	42.21	18 57 39.9	1 24.1	0.077919	9 56
März 1	9 34 2.19	40.85	18 59 4.0	1 14.4	0.079518	9 59
2	9 33 21.34	39.42	19 0 18.4	1 4.6	0.081194	10 1
3	9 32 41.92	−37.93	19 1 23.0	+0 54.5	0.082944	10 3
4	9 32 3.99	36.37	+19 2 17.5	0 44.5	0.084767	10 6
5	9 31 27.62		19 3 2.0		0.086660	10 8

Opp. in AR. 1916 Febr. 14 Größe = 9.8

W. Luther

(113) AMALTHEA 1916

12ʰ Mittl. Zeit Greenw.	α_{vera}	Diff.	δ_{vera}	Diff.	log Δ	Aberr.-Zt
	h m s	s	° ′ ″	′ ″		m s
Aug. 16	22 42 42.15	−49.98	−12 29 33.2	−7 21.7	0.179577	12 34
17	22 41 52.17	50.73	12 36 54.9	7 23.0	0.179013	12 33
18	22 41 1.44	51.41	12 44 17.9	7 23.8	0.178522	12 32
19	22 40 10.03	52.05	12 51 41.7	7 24.0	0.178107	12 31
20	22 39 17.98	−52.62	12 59 5.7	−7 23.7	0.177767	12 31
21	22 38 25.36	53.12	−13 6 29.4	7 23.0	0.177503	12 30
22	22 37 32.24	53.57	13 13 52.4	7 21.7	0.177316	12 30
23	22 36 38.67	53.93	13 21 14.1	7 20.0	0.177207	12 30
24	22 35 44.74	54.24	13 28 34.1	7 17.6	0.177176	12 30
25	22 34 50.50	−54.47	13 35 51.7	−7 14.9	0.177224	12 30
26	22 33 55.03	54.62	−13 43 6.6	7 11.6	0.177350	12 30
27	22 33 1.41	54.72	13 50 18.2	7 7.8	0.177554	12 30
28	22 32 6.69	54.72	13 57 26.0	7 3.5	0.177837	12 31
☍ 29	22 31 11.97	54.67	14 4 29.5	6 58.8	0.178199	12 31
30	22 30 17.30	−54.53	14 11 28.3	−6 53.5	0.178639	12 32
31	22 29 22.77	54.33	−14 18 21.8	6 47.9	0.179156	12 33
Sept. 1	22 28 28.44	54.06	14 25 9.7	6 41.8	0.179751	12 34
2	22 27 34.38	53.71	14 31 51.5	6 35.3	0.180423	12 35
3	22 26 40.67	53.29	14 38 26.8	6 28.4	0.181171	12 36
4	22 25 47.38	−52.81	14 44 55.2	−6 21.2	0.181994	12 38
5	22 24 54.57	52.27	−14 51 16.4	6 13.5	0.182891	12 39
6	22 24 2.30	51.65	14 57 29.9	6 5.6	0.183862	12 41
7	22 23 10.65	50.98	15 3 35.5	5 57.3	0.184905	12 43
8	22 22 19.67	50.25	15 9 32.8	5 48.8	0.186019	12 45
9	22 11 29.42	−49.46	15 15 21.6	−5 40.0	0.187202	12 47
10	22 20 39.96	48.61	−15 21 1.6	5 30.9	0.188455	12 49
11	22 19 51.35	47.72	15 26 32.5	5 21.6	0.189775	12 52
12	22 19 3.63	46.77	15 31 54.1	5 12.1	0.191162	12 54
13	22 18 16.86	45.77	15 37 6.2	5 2.4	0.192614	12 57
14	22 17 31.09	−44.71	15 42 8.6	−4 52.4	0.194129	12 59
15	22 16 46.38	43.62	−15 47 1.0	4 42.4	0.195707	13 2
16	22 16 2.76	42.47	15 51 43.4	4 32.1	0.197345	13 5
17	22 15 20.29	41.28	15 56 15.5	4 21.6	0.199043	13 8
18	22 14 39.01	40.04	16 0 37.1	4 11.0	0.200799	13 11
19	22 13 58.97	−38.76	16 4 48.1	−4 0.3	0.202611	13 15
20	22 13 20.21	37.44	−16 8 48.4	3 49.5	0.204479	13 18
21	22 12 42.77		16 12 37.9		0.206400	13 22

Opp. in AR. 1916 Aug. 29 Größe = 11.3

W. Luther

(241) GERMANIA 1916

12h Mittl. Zeit Greenw.	α vera	Diff.	δ vera	Diff.	log Δ	Aberr.-Zt
Sept. 1	0h 20m 38s.86	−33s.07	+11° 13′ 38″.1	−1′ 36″.6	0.262064	15m 11s
2	0 20 5.79	34.09	11 12 1.5	1 47.1	0.260650	15 8
3	0 19 31.70	35.10	11 10 14.4	1 57.6	0.259284	15 6
4	0 18 56.60	36.06	11 8 16.8	2 7.9	0.257970	15 3
5	0 18 20.54	−36.99	11 6 8.9	−2 18.1	0.256707	15 0
6	0 17 43.55	37.87	+11 3 50.8	2 28.3	0.255497	14 58
7	0 17 5.68	38.71	11 1 22.5	2 38.2	0.254341	14 55
8	0 16 26.97	39.51	10 58 44.3	2 48.1	0.253240	14 53
9	0 15 47.46	40.28	10 55 56.2	2 57.8	0.252196	14 51
10	0 15 7.18	−40.99	10 52 58.4	−3 7.3	0.251209	14 49
11	0 14 26.19	41.67	+10 49 51.1	3 16.8	0.250280	14 47
12	0 13 44.52	42.29	10 46 34.3	3 25.9	0.249410	14 45
13	0 13 2.23	42.88	10 43 8.4	3 35.0	0.248600	14 44
14	0 12 19.35	43.41	10 39 33.4	3 43.7	0.247852	14 42
15	0 11 35.94	−43.90	10 35 49.7	−3 52.4	0.247165	14 41
16	0 10 52.04	44.33	+10 31 57.3	4 0.7	0.246542	14 39
17	0 10 7.71	44.72	10 27 56.6	4 8.9	0.245982	14 38
18	0 9 22.99	45.05	10 23 47.7	4 16.6	0.245487	14 37
19	0 8 37.94	45.32	10 19 31.1	4 24.2	0.245057	14 36
20	0 7 52.62	−45.53	10 15 6.9	−4 31.4	0.244692	14 36
21	0 7 7.09	45.70	+10 10 35.5	4 38.3	0.244395	14 35
22	0 6 21.39	45.79	10 5 57.2	4 44.8	0.244164	14 35
23	0 5 35.60	45.85	10 1 12.4	4 51.1	0.244001	14 34
☍ 24	0 4 49.75	45.82	9 56 21.3	4 56.9	0.243905	14 34
25	0 4 3.93	−45.76	9 51 24.4	−5 2.4	0.243878	14 34
26	0 3 18.17	45.62	+ 9 46 22.0	5 7.5	0.243919	14 34
27	0 2 32.55	45.43	9 41 14.5	5 12.2	0.244029	14 34
28	0 1 47.12	45.17	9 36 2.3	5 16.4	0.244207	14 35
29	0 1 1.95	44.87	9 30 45.9	5 20.3	0.244453	14 35
30	0 0 17.08	−44.50	9 25 25.6	−5 23.7	0.244768	14 36
Okt. 1	23 59 32.58	44.07	+ 9 20 1.9	5 26.8	0.245151	14 37
2	23 58 48.51	43.60	9 14 35.1	5 29.4	0.245601	44 37
3	23 58 4.91	43.06	9 9 5.7	5 31.6	0.246118	14 38
4	23 57 21.85	42.48	9 3 34.1	5 33.4	0.246701	14 40
5	23 56 39.37	−41.84	8 58 0.7	−5 34.8	0.247351	14 41
6	23 55 57.53	41.16	+ 8 52 25.9	5 35.7	0.248066	14 42
7	23 55 16.37		8 46 50.2		0.248845	14 44

Opp. in AR. 1916 Sept. 24 Gröfse = 10.6

W. Luther

(13) EGERIA 1916

12h Mittl. Zeit Greenw.	α vera	Diff.	δ vera	Diff.	log Δ	Aberr.-Zt
	h m s	m s	° ′ ″	″		m s
Sept. 24	1 31 36.31	−1 48.41	−5 4 12.6	−219.2	0.225519	13 58
26	1 29 47.90	1 52.59	5 7 51.8	205.0	0.223202	13 53
28	1 27 55.31	1 56.32	5 11 16.8	187.9	0.221147	13 50
30	1 25 58.99	1 59.54	5 14 24.7	168.0	0.219363	13 46
Okt. 2	1 23 59.45	−2 2.25	5 17 12.7	−145.6	0.217857	13 43
4	1 21 57.20	2 4.46	−5 19 38.3	120.7	0.216637	13 41
6	1 19 52.74	2 6.12	5 21 39.0	93.2	0.215707	13 39
8	1 17 46.62	2 7.24	5 23 12.2	63.9	0.215071	13 38
10	1 15 39.38	2 7.83	5 24 16.1	− 32.7	0.214732	13 37
☍ 12	1 13 31.55	−2 7.87	5 24 48.8	+ 0.4	0.214689	13 37
14	1 11 23.68	2 7.38	−5 24 48.4	+ 35.3	0.214942	13 38
16	1 9 16.30	2 6.30	5 24 13.1	71.9	0.215491	13 39
18	1 7 10.00	2 4.69	5 23 1.2	109.6	0.216337	13 40
20	1 5 5.31	2 2.52	5 21 11.6	148.8	0.217472	13 42
22	1 3 2.79	−1 59.84	5 18 42.8	188.5	0.218898	13 45
24	1 1 2.95	1 56.62	−5 15 34.3	+229.6	0.220593	13 48
26	0 59 6.33	1 52.91	5 11 44.7	271.1	0.222564	13 52
28	0 57 13.42	1 48.73	5 7 13.6	+313.0	0.224798	13 56
30	0 55 24.69		5 2 0.6		0.227182	14 1

Opp. in AR. 1916 Okt. 12 Gröfse = 9.9

H. Samter

(288) GLAUKE 1916

12^h Mittl. Zeit Greenw.	α_{vera}	Diff.	δ_{vera}	Diff.	log Δ	Aberr.-Zt
Nov. 25	6h 25m 5.27s	−36.84s	+19° 42′ 18.6″	+0′ 31.8″	0.306792	16m 50s
26	6 24 28.43	38.29	19 42 50.4	0 33.8	0.304795	16 46
27	6 23 50.14	39.70	19 43 24.2	0 35.9	0.302840	16 41
28	6 23 10.44	41.08	19 44 0.1	0 37.8	0.300930	16 37
29	6 22 29.36	−42.43	19 44 37.9	+0 39.9	0.299064	16 32
30	6 21 46.93	43.73	+19 45 17.8	0 41.7	0.297247	16 28
Dez. 1	6 21 3.20	45.02	19 45 59.5	0 43.6	0.295477	16 24
2	6 20 18.18	46.26	19 46 43.1	0 45.4	0.293757	16 20
3	6 19 31.92	47.46	19 47 28.5	0 47.1	0.292089	16 17
4	6 18 44.46	−48.61	19 48 15.6	+0 48.9	0.290473	16 13
5	6 17 55.85	49.74	+19 49 4.5	0 50.5	0.288911	16 9
6	6 17 6.11	50.81	19 49 55.0	0 52.0	0.287404	16 6
7	6 16 15.30	51.83	19 50 47.0	0 53.6	0.285953	16 3
8	6 15 23.47	52.82	19 51 40.6	0 55.0	0.284560	16 0
9	6 14 30.65	−53.75	19 52 35.6	+0 56.5	0.283226	15 57
10	6 13 36.90	54.63	+19 53 32.1	0 57.8	0.281951	15 54
11	6 12 42.27	55.46	19 54 29.9	0 59.1	0.280737	15 51
12	6 11 46.81	56.23	19 55 29.0	1 0.3	0.279586	15 49
13	6 10 50.58	56.95	19 56 29.3	1 1.5	0.278497	15 46
14	6 9 53.63	−57.61	19 57 30.8	+1 2.7	0.277472	15 44
15	6 8 56.02	58.21	+19 58 33.5	1 3.7	0.276512	15 42
16	6 7 57.81	58.75	19 59 37.2	1 4.8	0.275618	15 40
17	6 6 59.06	59.21	20 0 42.0	1 5.8	0.274791	15 38
18	6 5 59.85	59.63	20 1 47.8	1 6.7	0.274030	15 37
19	6 5 0.22	−59.97	20 2 54.5	+1 7.6	0.273338	15 35
20	6 4 0.25	60.24	+20 4 2.1	1 8.5	0.272715	15 34
21	6 3 0.01	60.44	20 5 10.6	1 9.2	0.272160	15 33
☍ 22	6 1 59.57	60.57	20 6 19.8	1 10.1	0.271675	15 32
23	6 0 59.00	60.63	20 7 29.9	1 10.7	0.271260	15 31
24	5 59 58.37	−60.62	20 8 40.6	+1 11.5	0.270915	15 30
25	5 58 57.75	60.52	+20 9 52.1	1 12.1	0.270641	15 29
26	5 57 57.23	60.36	20 11 4.2	1 12.7	0.270436	15 29
27	5 56 56.87	60.13	20 12 16.9	1 13.4	0.270301	15 29
28	5 55 56.74	59.81	20 13 30.3	1 13.9	0.270237	15 29
29	5 54 56.93	−59.43	20 14 44.2	+1 14.6	0.270241	15 29
30	5 53 57.50	58.96	+20 15 58.8	1 15.0	0.270315	15 29
31	5 52 58.54		20 17 13.8		0.270457	15 29

Opp. in AR. 1916 Dez. 22 Größe = 12.7

W. Luther

Erläuterungen.

Bahnelemente der Kleinen Planeten (S. (2)—(23)).

Mit dem vorliegenden Jahrgang 1916 der »Bahnelemente und Oppositions-Ephemeriden der Kleinen Planeten« (Anhang des Berliner Astronomischen Jahrbuchs für 1918) ist entsprechend der im Hauptteil des Jahrbuchs schon im Jahrgang 1916 durchgeführten Maßnahme auch in diesem Teile des Jahrbuchs der Übergang auf den Meridian von Greenwich gemacht. Verbunden damit wurde die Übertragung der Elemente und Ephemeriden auf das mittlere Äquinoktium 1925.0, und die Gelegenheit dieser Änderungen zu einigen weiteren Umgestaltungen in der früheren Art der Veröffentlichung benutzt. Die jedesmalige ausführliche Wiedergabe der Bahnelemente in ihrer ursprünglichen, von den Berechnern angegebenen Genauigkeit und Stellenzahl schien einem Bedürfnis nicht mehr zu entsprechen, eine abgekürzte Übersicht der Elemente nicht nur für den hier verfolgten Zweck, die Grundlagen der anschließenden genäherten Oppositionsephemeriden zu geben, völlig ausreichend, sondern auch aus dem Grunde wünschenswert, als die bisherige Art der Wiedergabe leicht zu einer Täuschung über die Genauigkeit der Elemente führen konnte, die häufig noch auf den Beobachtungen der ersten Erscheinung beruhten. Zu weiteren Irrtümern konnte die Angabe der Oskulationsepoche Anlaß geben, da in vielen Fällen der ursprüngliche Charakter der Elemente als oskulierender durch nachträgliche empirische Korrektionen oder durch eine ohne Berücksichtigung der Störungen über einen längeren Zeitraum hin erfolgte Ausgleichung verwischt war. Von oskulierenden Elementen konnte nur noch in den Fällen die Rede sein, wo entweder die Elemente der ersten Erscheinung unverändert beibehalten oder mehrere Erscheinungen durch Störungsrechnung streng miteinander verbunden waren. Sonach wurde bei der diesmaligen Wiedergabe der Elemente die Stellenzahl vermindert und zugleich die Dezimalteilung des Grades gewählt, die für die vierstellig durchgeführte Berechnung der Ephemeriden am bequemsten ist. Die Angabe der Elemente auf $0^{\circ}.001$ (μ auf $0''.001$) dürfte für die hier verfolgten Zwecke mehr als ausreichend

sein. Aus der Elemententabelle fortgelassen sind die früher darin enthaltenen Angaben über Datum und Größe der jedesmaligen Opposition, die in die feste Elemententabelle nicht eigentlich hineingehörten; sie sind einer besonderen, auf die Elemententabelle folgenden Übersicht vorbehalten. Ferner wurde die Angabe der Oskulationsepoche fortgelassen und als einheitliche mittlere Epoche der Elemente 1925 Jan. 0.5 mittlere Zeit Greenwich gewählt; die Berechnung der mittleren Anomalie für die festen Daten der anschließenden Ephemeriden gestaltet sich damit am einfachsten. Um aber auf die frühere ausführlichere Wiedergabe jederzeit zurückgehen zu können, ist in der letzten Kolumne der Jahrgang des Berliner Jahrbuchs angegeben, in dem die vorliegenden Elemente eingeführt worden sind. Es wird damit, wenigstens für die neueren Jahrgänge, die Möglichkeit geboten, auf die darin gegebene Begründung der in jedem Falle vorgenommenen Änderungen an den Elementen, sowie die Autorität, der sie entsprang, zurückzugehen. Zugleich erhält man dadurch einen Anhalt, seit wann an den Elementen keine Änderung hat zu erfolgen brauchen oder erfolgt ist, sowie in welchen Fällen die Elemente der ersten Erscheinung noch unverändert beibehalten sind. Gesondert zu beachten sind dabei die Planeten, deren Ephemeriden unter Berücksichtigung allgemeiner Störungen berechnet sind, da ihre Elemente bei der hier erstrebten Genauigkeit in absehbarer Zeit keiner Änderung bedürfen werden. Diese Planeten sind durch einen in der letzten Kolumne hinzugefügten * gekennzeichnet; ihre Elemente sind meist mittlere.

Bezüglich der Angaben m_0 und g ist zu bemerken, daß m_0 die mittlere Größe des Planeten, d. h. die Größe, welche er in seiner mittleren Entfernung a von der Sonne und der gleichzeitigen Entfernung $a-1$ von der Erde haben würde, bezeichnet, während g, daraus nach der Formel

$$1)\quad g = m_0 - 5 \log a\,(a-1)$$

berechnet, dazu dient, die jedesmalige Größe m der Planeten nach

$$2)\quad m = g + 5\,(\log \varDelta + \log r)$$

zu berechnen. Umgekehrt ist aus den beobachteten Größen des Planeten in der geozentrischen und heliozentrischen Entfernung $\varDelta$ und r zunächst m_0 durch Verbindung von 1) und 2) und dann g aus 1) berechnet.

Über die gegenüber dem Vorjahr geänderten Elemente, die durch die Angabe 1918 in der letzten Kolumne der Elemententabelle kenntlich sind, folgen nun die erforderlichen Erläuterungen, denen sich eine ausführliche Wiedergabe derjenigen Elemente anschließt, die durch Fortführung der Störungsrechnung oder eine neue erste Bahnbestimmung den Charakter oskulierender Elemente beibehalten haben und demnach die Angabe der Oskulationsepoche erfordern.

Die Zahl dieser Änderungen ist ziemlich erheblich, sei es infolge abschließender Behandlung mittels allgemeiner Störungen oder Fort-

führung spezieller Störungsrechnung; sei es weil eine Ableitung neuer elliptischer Elemente oder empirischer Korrektionen der bisherigen Elemente sich als erforderlich herausstellten. Die umfangreiche Zusammenstellung mittlerer Elemente, welche Herr Brendel in den Astr. Nachr. **200**, 1 für 60 Planeten im Anschluß an seine früher (Astr. Nachr. **195**, 417) veröffentlichten Störungsausdrücke für 100 Planeten gegeben hat, erschien leider erst, als die Ephemeriden dieser Planeten für das Jahr 1916 bereits gerechnet vorlagen, und konnte somit nicht mehr berücksichtigt werden, da bei den meist geringeren Abweichungen von den bisherigen Elementen eine Neurechnung nicht zweckmäßig erschien. Nur für die 8 Planeten: (14) Irene, (15) Eunomia, (23) Thalia, (50) Virginia, (246) Asporina, (347) Pariana, (384) Burdigala und (498) Tokio, deren neue Elemente stärker von den Jahrbuch-Elementen abwichen und die Beobachtungen offenbar besser darstellten, wurden sie noch nachträglich eingesetzt und für die Ephemeridenrechnung benutzt.

Im Übrigen ist zu den gegenüber dem Vorjahr geänderten Elementen das Folgende zu bemerken:

(14) Mittlere Elemente nach Astr. Nachr. **200**, 3. Boda
(15) Mittlere Elemente » » » Boda
(23) Mittlere Elemente » » » Boda
(50) Mittlere Elemente » » » Boda
(54) Empirisch korrigiert: $dM = -2^0\,0'$, $d\varphi = -6'$. Berberich
(62) Differentiell an die letzten 5—6 Erscheinungen genähert angeschlossen. Dabei stellte sich die Identität mit 1906 *SR* heraus. Berberich
(72) Empirisch korrigiert: $dM = -50'$ für 1913.0, $d\mu = -0''.5$. Berberich
(82) Spezielle Störungen fortgesetzt. Luther
(86) Genäherte spezielle Störungen fortgesetzt. Stracke
(94) Störungen in den Jahren 1883—1910 geschätzt; M und μ aus den neueren Erscheinungen roh bestimmt. Berberich
(96) Empirisch korrigiert: $dM = +2^0$. Berberich
(99) Identisch mit 1915 *WJ*. Neue Elemente aus 1915 Jan. 20 (Heidelberg), Febr. 2, 17 (Wien).

				$\Delta\alpha$	$\Delta\delta$
				s	"
B-R:	1915 März	3	Bergedorf	+0.09	+1.0
	»	17	»	+0.38	+2.4
	April	1	»	+0.67	+8.0

Mit $dM = -16^0\,10'$, $d\Omega$ +43′ erhält man für 3 Normalörter von 1868:

		$\Delta\alpha$	$\Delta\delta$
1868	Mai 29.0	$+4^s.5$	$-0'.56$
	Juni 5.0	+5.0	−0.92
	» 11.5	+5.2	−1.38

Berberich

(106) An die bisherigen Elemente sind spezielle Störungen von 1910 bis 1913 angebracht. Berberich

(113) Spezielle Störungen fortgesetzt. Luther

(181) Neue Elemente aus 1914 Aug. 20, Sept. 16, Okt. 14 (Wien).

			$\Delta\lambda$	$\Delta\beta$	
B-R:	1914 Sept. 6	Wien	—0″.5	+0″.7	Stracke

(194) Empirisch korrigiert: $dM = -50'$ (1914 Sept. 20), $d\mu = -0''.5$. Berberich

(208) Empirisch korrigiert: $dM = -60'$ (1914 Dez. 21), $d\mu = -0''.6$. Berberich

(241) Spezielle Störungen fortgesetzt. Luther

(246) Mittlere Elemente nach Astr. Nachr. **200**, 3. Boda

(247) Spezielle Störungen fortgesetzt. Luther

(250) Neue Elemente aus 1914 Nov. 26 (Wien), Dez. 18 (Rom), 1915 Jan. 20 (Wien). Die letzten Erscheinungen werden wie folgt dargestellt:

		$\Delta\alpha$	$\Delta\delta$	
1913	Sept. 27	+0.ᵐ6	+ 4′	
1912	Juli 20	+0.4	— 1	
1911	Mai 20	0.0	+ 4	
1910	Febr. 10	+4.7	—29	Stracke

(288) Spezielle Störungen fortgesetzt. Luther

(290) Aus 1890 März 21 bis Mai 7 durch Distanzenvariation mittels der Gleichungen von S. Oppenheim berechnet und die Erscheinung 1915 durch Korrektion von M, ☊, ω angeschlossen. Berberich

(303) Spezielle Störungen fortgesetzt. Millosevich

(311) Empirisch korrigiert:

$dM = -11^0\ 22'\ 19''.8$ (1915 März 23.5),
$d\omega = +10^0$, $d\varphi = -7'\ 16''$, $d\mu = -1''.2$.
Berberich

(316) Spezielle Störungen fortgesetzt. Berberich

(318) Spezielle Störungen fortgesetzt. Mader

(319) Spezielle Störungen fortgesetzt. Berberich

(320) Empirisch korrigiert:

$dM = -3^0\ 50'.6$ (1891 Dez. 2.5),
$d\omega = +4^0\ 14'.8$, d☊ $= -15'$, $d\mu = -1''.0$.
Berberich

(322) Spezielle Störungen fortgesetzt. Berberich

(327) Teilweise spezielle Störungen angebracht. Berberich

(343) Spezielle Störungen 1909—1916 geschätzt. Berberich

(347) Mittlere Elemente nach Astr. Nachr. **200**, 5. Brill

(350) Spezielle Störungen fortgesetzt. Berberich

(353) = 1914 *VC*. Die bisher noch zweifelhafte Identität mit 1903 *OH* ist damit gesichert. Elemente durch Distanzenvariation aus 1914 Aug. 29 (Heidelberg) und Okt. 18 (Wien) berechnet.

			$\Delta\lambda$	$\Delta\beta$
			$''$	$''$
B-R:	1914 Sept. 24	Wien	+3.9	— 2.7
	Dez. 8	Bergedorf	—1.7	—11.9
			$\Delta\alpha$	$\Delta\delta$
	1914 Dez. 19	»	+0.ˢ1	— 0.′25
	1915 Jan. 17	»	—2.1	— 0.6

Für die Erscheinung 1893 erhält man, nach Berücksichtigung der ♃-Störungen 1911—14 und mit $dM = -166'$, entsprechend $d\mu = +1''.3$:

		$\Delta\alpha$	$\Delta\delta$
1893 Jan.	16	-27^s	$-3'.7$
»	23	—29	—3.9
Febr.	5	—28	—4.6
»	22	—27	—4.8,

während die Erscheinung 1903 $dM = +55'$, entsprechend $d\mu = -0''.8$ erfordert, womit $\Delta\alpha = 0^s$, $\Delta\delta = -0'.1$ werden. Berberich

(361) Spezielle ♃ und ♄-Störungen fortgesetzt. Berberich

(365) Spezielle Störungen fortgesetzt. Sehr wahrscheinlich identisch mit 1914 *VN*; nach Anbringen der Störungen bleiben $-1^m.7$ $+3'$. Ort und Bewegung von 1914 *VN* nicht genau angegeben. Berberich

(383) Spezielle Störungen fortgesetzt. Berberich

(384) Mittlere Elemente nach Astr. Nachr. **200**, 5. Trousset

(391) Spezielle Störungen fortgesetzt. Berberich

(397) Spezielle Störungen fortgesetzt. Mader

(414) Spezielle Störungen 1896—1914 sowie empirisch korrigiert: $dM = +1^0\ 0'$ (1914 Nov. 7), $d\mu = +0''.5$. Berberich

(421) Spezielle Störungen fortgesetzt. Berberich

(438) Bahnverbesserung nebst ♃ und ♄-Störungen. Astr. Nachr. **199**, 231. Jekhowsky

(455) Spezielle Störungen fortgesetzt. Berberich

(474) Genäherte differentielle Elementenverbesserung. Berberich

(479) Spezielle Störungen 1912—1916 und empirisch korrigiert: $d\mu = +0''.6$. Berberich

(493) = 1915 *WK*. Spezielle Störungen 1909—1913 und empirisch korrigiert: $dM = +64'.2$ entsprechend $d\mu = +0''.85$. Berberich

(498) Mittlere Elemente nach Astr. Nachr. **200**, 5. Rückle

(522) Genäherte spezielle Störungen 1913—1916. Berberich

(533) Differentielle Bahnverbesserung aus 1910, 1911, 1913, 1914. Berberich

(565) Empirisch korrigiert: $d\mu = -2''.5$ von 1905 Mai 9.5 an. Berberich

(566) Genäherte differentielle Bahnverbesserung aus 1899, 1905, 1909, 1910, 1913. Berberich

(569) Bahnverbesserung; die Erscheinungen 1905, 1907, 1909 wurden angeschlossen; nebst ♃ und ♄-Störungen. Mader

(572) = 1915 *WU*. Neue Elemente aus 1915 April 18, Mai 4, 22 (Wien).

B-R:			$\Delta\lambda$	$\Delta\beta$
			′	″
1915 April	25	Wien	—2.8	—3.1
Mai	4	»	—0.1	0.0
»	13	»	—0.6	+0.1
			$\Delta\alpha$	$\Delta\delta$
»	30	»	0.0	+ 3′
Juni	3	»	0.0	0
»	9	»	+0.2	— 4
»	15	»	+0.5	0
Juli	2	Bergedorf	—0.9	—36 (?)
»	7	»	+9.1 (?)	—72 (?)

			$\Delta\alpha$	$\Delta\delta$
1905 Sept.	19	Heidelberg	—0.8	—25″
»	19	»	—1.1	—25
»	30	Wien	—1.8	+ 8
Okt.	5	»	—1.9	+20
»	7	»	—1.3	+25
»	19	»	—1.4	+60
»	25	Heidelberg	+ 1	—20
Dez.	18	Wien	—6.4	+170 (?)
»	19	»	—6.6	+160 (?)

Berberich

(586) Neue Elemente aus 1911 Febr. 6, März 18, April 30 (Wien). Damit erhält man die Darstellung:

		$\Delta\alpha$	$\Delta\delta$
		m	
B-R:	1906 Febr. 21	+1.9	— 9′
	1912 April 12	+0.4	— 1
	1914 Okt. 12	—1.8	—12

Stracke

(588) Neue Elemente nach brieflicher Mitteilung. Vinter-Hansen

(598) Empirisch korrigiert: $dM = -5'\,43''.0$ (1913 Febr. 10.0), $d\omega = +40'$, $d\varphi = +10'$, $d\mu = +1''.0$. Berberich

(601) Empirisch korrigiert: $d\mu = -1''.0$ von 1906 Juli 12 0 an, $d\varphi = -12'$. Berberich

(623) Empirisch korrigiert: $dM = +45'$. Berberich

(624) Spezielle Störungen bis 1913 Juni fortgesetzt. Nach Publikationer og mindre Meddelelser fra Københavns Observatorium. Nr. 12, S. 13. E. Strömgren und J. M. Vinter-Hansen

(631) Empirisch korrigiert: $d\mu = -1''.5$ von 1907 April 11.5 an, $d\varphi = +5'$. Berberich

(634) Spezielle Störungen 1907 — 1915 sowie empirisch korrigiert: $dM = +23'.16$, $d\mu = +0''.5$. Berberich

(654) Spezielle ♃ und ♄-Störungen fortgesetzt. Millosevich

(680) Neue Elemente aus 1909 April 22 (Heidelberg), Mai 25, Juni 19 (Wien).

			$\Delta\lambda$	$\Delta\beta$
			″	″
B-R:	1909 Mai 16	Wien	—2.2	—1.0
	Juni 10	»	+2.5	+1.1

Damit 1915 Mai 9 Heid. B-R: $+3^{m}.1$ $-32'$. Stracke

(691) Zunächst wurden neue Elemente aus 1914 Nov. 21 (Heidelberg), Dez. 18, 1915 Jan. 20 (Wien) berechnet, dann an die äußeren Beobachtungen durch Distanzenvariation die Erscheinungen 1909 und 1910 angeschlossen:

	$\Delta\alpha$	$\Delta\delta$	
	m		
1909 Dez. 11	+0.1	−1′	
1910 Febr. 1	+0.3	0	Stracke

(697) Spezielle Störungen fortgesetzt. Berberich

(698) Spezielle Störungen 1908—1912. Berberich

(712) Neue Elemente aus 1914 Nov. 11, 1915 Jan. 6, Febr. 4 (Wien). Damit werden die älteren Erscheinungen wie folgt dargestellt:

		$\Delta\alpha$	$\Delta\delta$	
		m		
B-R:	1911 April 15	+0.3	+8′	
	1912 April 17	−0.4	+1	Stracke

(713) Zunächst wurden neue Elemente aus 1914 Nov. 21, Dez. 18, 1915 Jan. 20 (Wien) abgeleitet. Nach Anbringen von genäherten speziellen Störungen 1914—09 ergab danach die Distanzenvariation die folgende Darstellung der älteren Erscheinungen:

		$\Delta\alpha$	$\Delta\delta$	
		m		
B-R:	1913 Aug. 27	+0.3	+2′	
	1912 Juni 20	−0.1	−1	
	1911 April 28	−0.3	+0	
	1909 Jan. 18	−0.1	+2	Stracke

(714) Zunächst wurden neue Elemente aus 1911 Mai 21 (Heidelberg), Juni 12, 30 (Wien) gerechnet. Durch Distanzenvariation wurden dann die Erscheinungen 1912, 1913, 1915 angeschlossen.

		$\Delta\alpha$	$\Delta\delta$	
		m		
B-R:	1912 Aug. 12	−0.1	0′	
	1913 Dez. 22	+0.1	+1	
	1915 Mai 9	+0.3	0	Stracke

(720) Elemente durch Distanzenvariation erhalten aus 1911 Okt. 22, Dez. 24 (Wien):

		$\Delta\lambda$	$\Delta\beta$	
		″	″	
B-R:	1911 Nov. 8	−0.9	+4.9	
	» 20	+0.7	+4.3	
	Dez. 10	+0.5	+2.0	
Damit wird	1913 Jan. 30	+23′.8	+0′.17	Berberich

(763) Neue Elemente aus 1913 Okt. 2, Nov. 1 (Wien), Dez. 2 (Nizza).

			$\Delta\lambda$	$\Delta\beta$	
			″	″	
B-R:	Okt. 9	Wien	−0.5	−0.6	
	» 19	»	+1.7	+1.6	
	Nov. 1	»	+1.6	−0.3	
	» 19	»	−1.6	+1.9	Berberich

(772) Elemente aus 1913 Dez. 22 (Heidelberg), 1914 Jan. 30, März 18 (Wien).

				$\Delta\lambda$	$\Delta\beta$
B-R:	1914	Jan. 16	Heidelberg	$-3''.1$	$+1''.5$
		» 30	Wien	-0.3	0.0
		Febr. 19	»	$+7.5$	$+0.5$
		» 28	Uccle	$+4.8$	-0.8

(772) ist identisch mit 1902 *KM* und 1910 *KH*.

			$\Delta\alpha$	$\Delta\delta$
1910 *KH*:	1910 Mai 6	Taunton	-35^s	$+13'.6$

(Mit $dM = -6'.5$ wird $\Delta\alpha = +0^s$, $\Delta\delta = +1'.1$).

			$\Delta\alpha$	$\Delta\delta$
1902 *KM*:	1902 Nov. 20	Heidelberg	$+38^s$	$+1'.8$

(Mit $dM = +10'.5$ wird $\Delta\alpha = -0^s.3$, $\Delta\delta = -6'.7$).

Berberich

(774) An 1913 Dez. 19, 1914 Jan. 22 (Wien) wurden durch Distanzenvariation die Erscheinungen 1908 (1908 *FG*), 1914, 1915 angeschlossen:

		$\Delta\alpha$	$\Delta\delta$
1908	Dez. 16	$-3^m.1$	$+4'$
1914	Jan. 1	$+0^s.06$	$+1''.3$
1915	Febr. 14	$+0^m.1$	$0'$

Stracke

(775) Ein Fehler bei der Umrechnung der äquatorialen Elemente von Lagrula in ekliptikale wurde berichtigt.

(776) Neue Elemente aus 3 Normalörtern 1914 Febr. 1.5, März 1.5, April 22.5. Drei andere geben:

			$\Delta\lambda$	$\Delta\beta$
B-R:	1914	Febr. 15.5	$+0''.6$	$+0''.4$
		März 29.5	-0.4	$+6.6$
		Mai 8.5	-5.0	$+6.4$

Der Ort des Planeten 1911 *MA* gibt
$\Delta\alpha = -0^m.2$, $\Delta\delta = +2'$ (entsprechend $dM = -2'$).

Der Ort des Planeten 1910 *KA* gibt
$\Delta\alpha = -0^m.6$, $\Delta\delta = +5'$ (entsprechend $dM = -10'$).

Berberich

Die Zahl der numerierten Planeten hat sich seit dem Vorjahre um 16 vermehrt und ist somit jetzt auf 807 gestiegen; das Nähere darüber ist Astr. Nachr. **201**, 281 zu finden. Dazu gehörten die Planeten 1907 *ZC* und 1907 *ZD*, die auf Grund der bisherigen unnumerierten elliptischen Elemente aufgefunden wurden, sowie der bisher unter den Kreisbahnen aufgeführte Planet 1898 *DZ*, der sich als mit 1914 *VR* identisch erwies. Für 1907 *ZC* = (792) wurden die alten Elemente beibehalten, für 1907 *ZD* = (793) ein Stück Störungsrechnung durchgeführt. Für 1898 *DZ* = (804) wurden die auf der neuen Erscheinung beruhenden Elemente von Thiele eingesetzt. Weitere Änderungen hat die Tabelle der unnumerierten Ellipsen und der Kreisbahnen nicht erfahren.

Es folgen nun die geänderten Elemente, soweit sie auf strenger Rechnung beruhen, d. h. eine bestimmte Oskulationsepoche besitzen:

Nr. und Name	Epoche und Oskulation	Mittlere Zeit	Mittl. Äq.	*M*	ω
				° ′ ″	° ′ ″
82 Alkmene . . .	1916 Febr. 10.0	Greenwich	1925.0	5 4 53.8	107 45 42.7
99 Dike	1915 Jan. 20.5	Berlin	1910.0	255 17 17.3	191 58 9.3
106 Dione	1913 Sept. 3.0	Berlin	1910.0	328 48 53.2	327 37 7.8
113 Amalthea . . .	1916 Sept. 7.0	Greenwich	1925.0	130 50 55.5	75 58 50.6
181 Eucharis . . .	1914 Aug. 20.5	Berlin	1914.0	248 35 10.5	312 9 15.3
241 Germania . . .	1916 Sept. 17.0	Greenwich	1925.0	11 17 42.5	76 14 51.3
247 Eukrate	1916 Dez. 6.0	Greenwich	1925.0	92 24 43.5	53 28 25.2
250 Bettina	1914 Nov. 26.5	Berlin	1914.0	342 8 57.5	71 37 2.3
288 Glauke	1916 Dez. 6.0	Greenwich	1925.0	268 40 6.4	80 54 54.6
303 Josephina . . .	1915 Juli 25.5	Berlin	1910.0	240 1 18.3	68 13 46.4
316 Goberta	1914 Sept. 28.0	Berlin	1910.0	302 31 35.5	314 4 15.9
318 Magdalena . .	1915 Nov. 22.0	Greenwich	1925.0	328 47 35.0	280 53 23.4
319 Leona	1916 Aug. 28.0	Berlin	1910.0	325 11 41.4	215 37 11.4
322 Phaeo	1914 Okt. 18.0	Berlin	1910.0	12 16 36.2	110 42 6.8
343 Ostara	1909 April 7.0	Berlin	1910.0	143 56 40.3	7 10 38.7
350 Ornamenta . .	1914 Dez. 17.0	Berlin	1910.0	3 24 10.9	334 42 13.3
353 Ruperto-Carola	1914 Aug. 29.5	Berlin	1910.0	316 33 52.0	318 11 57.7
361 Bononia	1916 Jan. 1.0	Berlin	1910.0	18 36 42.1	74 5 37.1
383 Janina	1916 Jan. 1.0	Berlin	1910.0	44 11 43.9	314 44 18.7
391 Ingeborg . . .	1915 Juli 25.0	Berlin	1910.0	333 8 24.5	145 20 52.3
397 Vienna	1904 Jan. 24.0	Greenwich	1925.0	98 42 15.1	136 27 20.8
421 Zähringia . . .	1916 Juli 19.0	Berlin	1910.0	301 40 18.1	206 43 3.2
438 Zeuxo	1914 Sept. 20.0	Paris	1910.0	102 52 22.0	207 36 40.0
455 Bruchsalia . .	1917 April 25.0	Berlin	1910.0	251 34 50.2	269 12 26.0
522 Helga	1916 Dez. 26.0	Berlin	1910.0	66 59 14.2	235 21 56.1
569 Misa	1912 April 11.0	Greenwich	1925.0	109 31 51.8	137 38 16.0
572 Rebekka . . .	1915 April 18.5	Berlin	1910.0	190 9 21.5	191 23 3.5
586 Thekla	1911 Febr. 16.5	Berlin	1911.0	10 24 6.8	239 33 39.1
588 Achilles	1907 Mai 28.0	Berlin	1910.0	82 54 46.9	127 7 9.7
624 Hektor	1913 Juni 5.0	Berlin	1910.0	175 54 4.1	172 10 17.6
654 Zelinda	1915 Jan. 6.5	Berlin	1910.0	350 18 18.9	212 30 9.2
680 Genoveva . . .	1909 April 22.5	Berlin	1909.0	301 31 46.9	238 30 9.9
691 Lehigh	1914 Dez. 31.0	Berlin	1914.0	40 53 14.0	297 7 16.0
697 Galilea	1913 Nov. 22.0	Berlin	1910.0	66 27 12.0	331 7 3.8
698 Ernestina . . .	1912 Sept. 8.0	Berlin	1910.0	209 45 15.3	96 36 39.6
712 Boliviana . . .	1914 Nov. 11.5	Berlin	1915.0	0 23 45.9	179 29 29.6
713 [1911 *LS*] . .	1914 Dez. 18.5	Berlin	1914.0	66 25 10.0	130 45 51.3
714 [1911 *LW*] . .	1911 Mai 25.5	Berlin	1911.0	111 27 0.1	228 11 18.6
720 [1911 *MW*] . .	1911 Okt. 22.5	Berlin	1910.0	226 50 31.3	114 10 44.0
763 [1913 *SJ*] . . .	1913 Okt. 2.5	Berlin	1910.0	353 39 43.9	86 51 20.7
772 [1913 *TR*] . .	1913 Dez. 22.5	Berlin	1910.0	263 39 2.0	140 10 42.8
774 [1913 *TW*] . .	1914 Jan. 0.5	Berlin	1914.0	147 45 41.7	22 13 14.6
776 [1914 *TY*] . .	1914 Febr. 1.5	Berlin	1910.0	91 11 57.6	304 38 13.4

☊	i	φ	μ	log a	Autorität
26° 21′ 51″.5	2° 50′ 55″.4	12° 59′ 50″.6	774″.01569	0.4408379	W. Luther
41 38 0.9	13 55 16.2	11 33 3.3	812.793	0.426685	Berberich
63 2 58.9	4 35 53.1	9 1 13.2	625.2421	0.502639	Berberich
123 27 38.9	5 2 18.6	4 59 25.7	969.00387	0.3757874	W. Luther
144 23 58.2	18 41 21.3	11 40 5.6	636.006	0.497698	Stracke
272 2 27.5	5 29 57.6	5 52 31.6	665.93864	0.4843816	W. Luther
0 25 58.4	25 5 40.1	13 52 12.2	781.44784	0.4380711	Luther
25 3 5.7	12 51 18.2	7 30 26.7	635.880	0.497758	Stracke
121 4 33.1	4 19 37.4	12 6 20.6	775.86483	0.4401470	W. Luther
345 5 43.8	6 55 29.7	4 8 19.5	644.68189	0.493775	Millosevich
124 17 25.7	2 19 55.6	7 23 49.8	625.4859	0.5025260	Berberich
162 40 8.7	10 35 56.4	3 4 57.4	617.8342	0.506090	Mader
189 3 38.0	10 44 10.3	12 14 24.5	562.8242	0.5330893	Berberich
253 44 30.2	7 58 44.0	14 11 44.0	764.5019	0.4444187	Berberich
38 38 53.4	3 18 17.2	13 26 18.0	947.8765	0.382170	Berberich
90 27 24.5	24 49 18.6	8 44 28.8	644.7854	0.493728	Berberich
103 0 47.0	5 38 35.8	19 9 38.5	781.416	0.438082	Berberich
19 15 48.1	12 39 12.0	12 2 16.6	453.1469	0.5958450	Berberich
93 20 14.2	2 39 0.6	9 31 6.7	637.6660	0.496942	Berberich
212 38 41.2	23 3 35.2	17 56 21.6	1004.0109	0.3655121	Berberich
228 53 49.5	12 43 41.7	14 17 17.7	829.1472	0.420917	Mader
187 55 24.6	7 50 49.6	17 0 59.7	879.1630	0.403958	Berberich
49 4 30.0	7 22 55.8	3 44 20.1	869.1146	0.407287	Jekhowsky
77 22 30.5	12 1 20.9	17 0 30.5	818.7548	0.424568	Berberich
118 51 16.1	4 26 8.3	4 24 35.8	512.7287	0.560080	Berberich
303 28 23.9	1 17 36.7	10 32 19.3	819.1304	0.424436	Mader
194 22 13.7	10 35 55.7	9 5 48.9	954.248	0.380227	Berberich
230 45 58.9	1 35 43.8	3 30 42.4	668.673	0.483196	Stracke
315 34 26.3	10 17 52.5	8 25 18.6	294.71497	0.720403	Vinter-Hansen
341 57 6.2	18 9 52.3	1 43 3.9	295.0679	0.7200564	Vinter-Hansen
278 14 23.6	18 10 15.6	13 20 48.2	1019.4506	0.361094	Millosevich
40 57 8.2	17 59 22.1	16 0 47.8	630.383	0.500269	Stracke
88 46 31.4	13 4 47.4	6 53 39.1	676.805	0.479696	Stracke
16 0 19.1	15 6 21.4	8 52 52.0	725.3216	0.4596507	Berberich
41 24 51.3	11 32 16.7	6 23 25.3	730.849	0.457453	Berberich
230 56 8.7	12 44 53.0	10 45 18.0	858.280	0.410912	Stracke
220 36 11.1	10 10 3.1	8 53 16.2	565.80	0.531563	Stracke
233 50 25.8	14 21 55.4	2 59 48.2	879.174	0.403955	Stracke
36 9 17.5	2 23 33.7	1 0 6.6	727.272	0.458873	Berberich
289 56 52.4	4 4 56.7	9 31 30.2	1058.104	0.350319	Berberich
63 58 6.1	28 47 58.7	5 37 18.7	682.811	0.477137	Berberich
251 42 56.1	5 34 24.7	9 33 56.2	665.870	0.484412	Stracke
80 8 58.5	18 12 3.5	9 27 4.4	706.038	0.467452	Berberich

Angaben über die Oppositionen im Jahre 1916.

(S. (24)—(87)).

Für die im Jahre 1916 in Opposition gelangenden numerierten Planeten folgen auf die Bahnelemente die zur Auffindung erforderlichen Angaben. Diese Angaben fehlen nur für die folgenden 14 Planeten: 132, 155, 193, 220, 285, 323, 330, 392, 396, 400, 452, 463, 473, 515, deren jetziger Ort infolge der Unsicherheit der Elemente, die noch auf der allein beobachteten Entdeckungsopposition beruhen, auch nicht angenähert verbürgt werden kann. Die Zahl dieser unsicheren Objekte hat gegenüber dem Vorjahr um 3 abgenommen, da die 3 seit ihrer Entdeckungserscheinung nicht wieder beobachteten Planeten (99) Dike (entdeckt 1868), (353) Ruperto-Carola (entdeckt 1893), (493) Griseldis (entdeckt 1902) im letzten Jahre aufgefunden wurden. Es verbleiben 640 numerierte Planeten, die im Jahre 1916 in Opposition kommen. Die Oppositionsangaben sind in 2 Übersichten enthalten:

Die erste Anordnung enthält, nach der Nummer der Planeten geordnet, Datum, Größe und mittlere Anomalie der Opposition; die diesmalige Hinzufügung der letzteren Größe ermöglicht ein Urteil über die Art der bevorstehenden Opposition und die Aussichten, einen schwachen oder lange nicht beobachteten Planeten wiederzufinden. Nahe dem Perihel wird die größere Helligkeit die Auffindung erleichtern, die größere Unsicherheit des geozentrischen Ortes ein größeres Feld der Aufsuchung bedingen. Die Oppositionsgröße m ist aus dem in der Elemententabelle gegebenen g berechnet nach

$$m = g + 5\,(\log r + \log \Delta).$$

Striche in den drei Kolumnen deuten an, daß der Planet im Jahre 1916 nicht in Opposition kommt, Lücken kennzeichnen die oben erwähnten 14 unsicheren Planeten.

Die zweite Anordnung enthält in chronologischer Folge die genäherten Oppositionsephemeriden. Der Kopf gibt Nummer und Name des Planeten, seine genäherte Oppositionsgröße, sowie das letzte Jahr, aus dem hier bis zum 30. September 1915 Beobachtungen bekannt geworden sind; in zweifelhaften Fällen ist diese Jahreszahl mit einem ? versehen. Alsdann folgen in Ephemeridenform sechs auf das mittlere Äquinoktium 1925.0 bezogene geozentrische Örter in 8-tägigen Intervallen; das Oppositionsdatum ist in kleiner Type beigefügt. Die letzte Kolumne enthält für die beiden äußeren Örter log r in ( ), für die vier inneren log Δ (r heliozentrische, Δ geozentrische Entfernung).

Die Berechnung der Ephemeriden ist im allgemeinen nach den Formeln der ungestörten elliptischen Bewegung auf Grundlage der vorher gegebenen Elemente erfolgt. Nur für die in der letzten Kolumne jener Tabelle und danach auch in den Ephemeriden mit einem * versehenen Planeten sind nach den vorliegenden Tafeln oder analytischen Ausdrücken genäherte Störungen berücksichtigt worden; und zwar sind dies für

Nr.	Name	
4	Vesta	Tables du mouvement de Vesta par G. Leveau. Ann. de l'Obs. de Paris. Mém. t. XXII.
7	Iris	Tables of Iris by F. Brünnow.
8	Flora	Tafeln der Flora von F. Brünnow.
9	Metis	Tafeln der Metis von O. Lesser. Publ. der Astr. Ges. II.
12	Victoria	Tables of Victoria by F. Brünnow.
13	Egeria	Tafeln der Egeria von P. A. Hansen (nebst Ergänzungen von H. Samter). Abh. der math.-phys. Classe der Kgl. Sächs. Ges. der Wiss. Bd. VIII, No. IV.
14	Irene	Genäherte Jupiterstörungen für 100 Planeten von M. Brendel. Astr. Nachr. **195**, 417.
15	Eunomia	siehe Nr. 14.
18	Melpomene	Tables of Melpomene by E. Schubert.
21	Lutetia	Tafeln der Lutetia von O. Lesser.
23	Thalia	siehe Nr. 14.
27	Euterpe	Tafeln zur Berechnung der Jahres- und Oppositions-ephemeriden der Euterpe von Hoppe (Manuskript).
29	Amphitrite	Tafeln der Amphitrite von E. Becker. Publ. der Astr. Ges. X.
32	Pomona	Tafeln der Pomona von O. Lesser.
40	Harmonia	Tables of Harmonia by E. Schubert.
50	Virginia	siehe Nr. 14.
58	Concordia	Tafeln für den Planeten (58) Concordia von Th. v. Oppolzer. Wien. Akad. Math.-Naturw. Klasse. Denkschriften Bd. XLVII.
93	Minerva	Tables of minor planets discovered by James C. Watson, by A. O. Leuschner. Washington, National Acad. of Sciences. Vol. X, 7. Memoir.
101	Helena	siehe Nr. 93.
103	Hera	»
105	Artemis	»
115	Thyra	»
119	Althaea	»
123	Brunhild	Angenäherte allgemeine Störungen von V. Hernlund. Astr. Nachr. **195**, 129.

Nr.	Name	
128	Nemesis	siehe Nr. 93.
133	Cyrene	»
139	Juewa	»
161	Athor	»
174	Phaedra	»
178	Belisana	Genäherte Störungen von (178) Belisana von H. Osten. Astr. Nachr. **200**, 297.
179	Klytæmnestra	siehe Nr. 93.
246	Asporina	siehe Nr. 14.
347	Pariana	»
384	Burdigala	»
447	Valentine	Allgemeine Störungen von (447) Valentine von H. Osten. Astr. Nachr. **199**, 393.
471	Papagena	Angenäherte allgemeine Störungen von G. Strömberg. Astr. Nachr. **195**, 129.
498	Tokio	siehe Nr. 14.

Bei der Benutzung dieser Tafeln sind entsprechend der Stellenzahl der Ephemeriden nur die größeren Störungsglieder (Amplitude $\geq \pm 1'$) berücksichtigt worden.

Bei der Berechnung der Ephemeriden für die Planeten 501—550 erfreuten wir uns der Unterstützung des Herrn Kao in Zôsè, wofür wir ihm zu lebhaftem Danke verpflichtet sind.

Auf die genäherten Oppositions-Ephemeriden folgen noch einige ausführlichere Ephemeriden, die von den Herren W. Luther (für (82) Alkmene, (113) Amalthea, (241) Germania, (288) Glauke) und Samter (für (13) Egeria) in dankenswerter Weise zur Verfügung gestellt wurden. Sie geben die auf das Äquinoktium der Epoche bezogenen wahren Koordinaten.

Übersicht über den Stand der Beobachtungen der Kleinen Planeten am 30. September 1915.

Nachdem seit einigen Jahren die frühere Übersicht zur Statistik der Kleinen Planeten nicht mehr gegeben ist, scheint es ratsam, über die in letzter Zeit nicht mehr oder überhaupt nur in einer Erscheinung beobachteten Planeten einige Angaben zu machen, zumal in den letzten Jahren eine Reihe älterer lange vermißter Planeten aufgefunden und auch sonst durch vermehrte und besser organisierte Beobachtungstätigkeit eine regelmäßigere Verfolgung der Kleinen Planeten erzielt werden konnte.

1. Von älteren Planeten sind seit dem Jahre 1910 die folgenden 42, an sich öfter beobachteten Planeten nicht mehr beobachtet:

Nr.	Nicht beobachtet seit	Nr.	Nicht beobachtet seit	Nr.	Nicht beobachtet seit	Nr.	Nicht beobachtet seit
143	1909	272	1890	427	1908	520	1906
157	1908	280	1890	439	1909	548	1909
217	1909	296	1902	445	1905	557	1909
222	1910	299	1903	448	1910	583	1908
228	1908	319	1904	450	1907	606	1910
239	1900	331	1905	465	1908	616	1910
244	1900	343	1903	475	1908	620	1908
253	1906	373	1907	495	1906	633	1909
262	1900	394	1906	510	1908	642	1910
263	1906	421	1908	517	1909	643	1908
267	1909	425	1908				

Ihre Beobachtung ist besonders erwünscht.

2. Die folgenden 94 Planeten sind seit der Opposition, in der ihre Numerierung erfolgte, nicht mehr beobachtet worden, obwohl weitere Erscheinungen bereits vorüber:

132, 155, 193, 220, 285, 293, 309, 315, 323, 330, 368, 392, 395, 396, 400, 413, 428, 430, 452, 457, 459, 461, 463, 464, 467, 473, 496, 515, 518, 525, 531, 553, 561, 571, 574, 576, 587, 591, 602, 603, 604, 605, 610, 612, 614, 629, 630, 632, 637, 647, 650, 657, 658, 667, 668, 672, 681, 682, 685, 687, 689, 698*, 706, 710, 715, 717, 719, 721, 722, 724, 726, 728, 735, 738*, 743*, 744, 745, 748, 750, 751, 752, 759, 761, 763, 765, 768, 774*(?), 775, 777, 778, 781*, 784, 785, 786.

Der größere Teil der älteren von ihnen wird als verloren zu betrachten und daher nur durch Zufall wiederzufinden sein.

3. Für die folgenden 18 Planeten steht die zweite Opposition seit der Numerierung noch bevor:

783*, 787*, 789, 791, 794, 795, 796, 797*, 798, 799*, 800*, 801, 802, 803, 804*, 805, 806, 807.

In den beiden letzten Gruppen deutet ein * an, daß nachträglich eine frühere Erscheinung des Planeten identifiziert und somit bereits mehr als eine Erscheinung beobachtet ist. Bei den Planeten 220, 309, 315 ist eine spätere Beobachtung zwar nicht ausgeschlossen, aber noch nicht sichergestellt.

Berichtigungen.

Jahrbuch 1917

(Angaben für 1915)

S. (56) (29) Amphitrite. Die Ephemeride ist durch folgende zu ersetzen:

1915 März 7	11	11ʰ 26ᵐ.1	7.6	+5° 8′	28	(0.418)
15		11 18.5	7.3	+5 36	25	0.213
23		11 11.2	6.3	+6 1	19	0.219
31		11 4.9	5.1	+6 20	12	0.230
April 8		10 59.8	3.7	+6 32	4	0.244
16		10 56.1		+6 36		(0.423)

S. (73) fehlt die Ephemeride von

(600) Musa 12ᵐ.8 1914

1915 Juli 13		20ʰ 34ᵐ.9	6.5	—13° 6′	53	(0.408)
21	27	20 28.4	6.8	—13 59	57	0.192
29		20 21.6	6.5	—14 56	59	0.191
Aug. 6		20 15.1	6.0	—15 55	57	0.196
14		20 9.1	5.2	—16 52	52	0.204
22		20 3.9		—17 44		(0.411)

S. (91) fehlt die Ephemeride von

(229) Adelinda 13ᵐ.7 1913

1915 Dez. 20	21	5ʰ 54ᵐ.9	6.9	+25° 58′	0	(0.551)
28		5 48.0	6.3	+25 58	3	0.414
36		5 41.7	5.5	+25 55	4	0.420
44		5 36.2	4.5	+25 51	4	0.430
52		5 31.7	3.1	+25 47	6	0.441
60		5 28.6		+25 41		(0.557)

Entsprechend sind in der Tabelle der Bahnelemente, S. (2). (30) und (12) die Angaben über Oppositionsdatum und Größe einzutragen.

Jahrbuch 1918

(Angaben für 1916)

S. (21) bei (776) lies $M_0 = 152°.948$ statt 81°.363.

S. (28) bei (776) lies Juni 19 11.2 262 statt
April 20 11.8 178

Auf S. (47) ist die fehlerhafte Ephemeride von (776) zu streichen und S. (56) zwischen (523) und (780) die folgende einzufügen:

(776) [1914 *TY*] 11ᵐ.2 1915

1916 Juni 5		18ʰ 6ᵐ.2	7.4	—26° 12′	41	(0.491)
13	19	17 58.8	7.9	—26 53	40	0.318
21		17 50.9	7.9	—27 33	35	0.314
29		17 43.0	7.5	—28 8	31	0.314
Juli 7		17 35.5	6.6	—28 39	28	0.318
15		17 28.9		—29 7		(0.482)

Alphabetisches Sachregister.

	Seite
Aberration, Konstante der	IV
der Sonne	38
siehe auch Reduktionsgrößen	
Berichtigungen zum Jahrbuch	458
» Anhang (Kleine Planeten)	(102)
Besselsche Größen siehe Reduktionsgrößen	
Datum, Julianisches siehe Julianisches Datum	
Ekliptik, Schiefe der siehe Schiefe	
Erde, Abplattung	IV
Heliozentrische Koordinaten des Systems Erde-Mond	111
Koordinatenverzeichnis von Sternwarten	435
Hilfstafel zur Berechnung der geozentrischen Koordinaten von Punkten der Erdoberfläche	434
Erläuterungen zum Jahrbuch	444
» Anhang (Kleine Planeten)	(88)
Finsternisse von Sonne und Mond	376
Inhaltsverzeichnis	V
Jahreszeiten, Beginn der	37
Julianisches Datum für jeden Tag von 1918	3
für die Jahre 0 bis 2000	424
für die Jahre 1860 bis 1939	426
Jupiter, Geozentrische Koordinaten nebst Kulminationszeiten	91
Heliozentrische Koordinaten	111
Jupiterstrabanten	385
Kalender, Gregorianischer	VI
Julianischer	VI
der Juden	VII
der Mohammedaner	VI
Kleine Planeten	Anhang
Konstanten, Astronomische	IV
Konstellationen	416
Libration des Mondes, Tafeln zur Berechnung der optischen	432
Physische	446

Seite

Mars, Geozentrische Koordinaten nebst Kulminationszeiten 82
Heliozentrische Koordinaten 110
Merkur, Geozentrische Koordinaten nebst Kulminationszeiten 64
Heliozentrische Koordinaten 109
Mittlere Örter siehe Sterne, Polsterne, Präzession, Tafeln
Mittlere Zeit, Verwandlung in Sternzeit 428
in Bruchteilen des tropischen Jahres 340
Mond, Apogäum 39
Äquatorelemente . . . . IV. 58
Aufgangszeiten für 50° Breite 41
Reduktionstafel dazu für Breiten zwischen +45° und +55° . 423
Bahnelemente 58
Finsternisse 376
Halbmesser, mittlerer Wert 448
» Ephemeride 40
Koordinaten äquatoriale 40
» ekliptikale 40
Krater Mösting A, Lage 448
» » Ephemeride 59
Kulmination, Mittlere Zeit der oberen 41
Libration, Hilfstafeln zur Berechnung der optischen 432
» Physische 446
Parallaxe, Mittlerer Wert IV
» Ephemeride 40 41
Perigäum 39
Phasen 39
Untergangszeiten für 50° Breite 41
Reduktionstafel dazu für Breiten zwischen +45° und +55° . 423
Neptun, Geozentrische Koordinaten nebst Kulminationszeiten 106
Heliozentrische Koordinaten 112
Normalzeiten der wichtigeren Länder 443
Nutation, Konstante der IV
in Länge 341
in Schiefe der Ekliptik 341
siehe auch Reduktionsgrößen
Periode, Julianische siehe Julianisches Datum
Planeten Große, Geozentrische Koordinaten nebst Kulminationszeiten . . 64
Heliozentrische Koordinaten 109
Halbmesser in der Entfernung 1 449
Planeten Kleine . . . . Anhang
Polsterne, Mittlere Örter von 20 Polsternen 137
Scheinbare Örter von 18 Polsternen 278
Hilfsgrößen zur Übertragung mittlerer Polsternörter auf 1918.0 371
siehe auch Präzession, Tafeln
Präzession, Allgemeine seit 1918.0 341
Hilfstafeln für äquatoriale Koordinaten 417
» » ekliptikale » 418

Seite

Präzession, Größen m, n, ψ, π, Π 417
Größen zur Reduktion von 1925.0 auf das wahre Äquinoktium 369
Hilfsgrößen zur Übertragung von verschiedenen mittleren Äquinoktien auf 1918.0 371
Hilfsgrößen zur Übertragung mittlerer Polsternörter auf 1918.0 371
Übertragung von Sternörtern vom mittleren Äquinoktium 1918.0 auf das Normaläquinoktium 1925.0 372
Reduktion auf den scheinbaren Ort, Formeln 338
Reduktionsgrößen $\log A$, $\log B$, $\log C$, $\log D$, E, 10-tägig 339
A, B, C, D, A', B', täglich 358
f, g, G, h, H, i 340
f', g', G' 341
zur Reduktion von 1925.0 auf das wahre Äquinoktium 367
Korrektionstabelle dazu 370
Saturn, Geozentrische Koordinaten nebst Kulminationszeiten 96
Heliozentrische Koordinaten 112
Größe, Phase, Lage zum Saturnsring 387
Saturnsring, Achsen, Lage gegen die Ekliptik 453
Ephemeride 402
Saturnstrabanten 391
Scheinbarer Ort, Formeln zur Reduktion auf den scheinbaren Ort . . 338
siehe auch Reduktionsgrößen
Scheinbare Örter siehe Sterne, Polsterne
Schiefe der Ekliptik, Mittlere 417
Wahre 341
Langperiodische Nutationsglieder $\Delta\varepsilon$ 341
Kurzperiodische Nutationsglieder $\Delta\varepsilon'$ 341
Sonne, Aberration der 38
Anomalie mittlere 38
Apogäum 37
Aufgangszeiten für 50° Breite 3
Reduktionstafel dazu für Breiten zwischen +45° und +55° . 422
Durchgangsdauer, halbe, in Sternzeit 2
Finsternisse 376
Halbmesser, mittlerer Wert III
» Ephemeride 2
Koordinaten Geozentrische äquatoriale 2
Geozentrische ekliptikale 3
Geozentrische rechtwinklige 20
letztere bezogen auf 1925.0 367
Länge mittlere 38
Parallaxe, Konstante der IV
Ephemeride 38
Perigäum 37
Untergangszeiten für 50° Breite 3
Reduktionstafel dazu für Breiten zwischen +45° und +55° . 422
Sternbedeckungen 381

Seite

Sterne, Mittlere Örter von 925 Sternen 114
Scheinbare Örter von 573 Sternen 138
Parallaxen von 8 Sternen 450
Sternwarten, Koordinatenverzeichnis 435
Sternzeit, im mittleren Mittag Greenwich 3
für andere Sternwarten 435
Verwandlung in mittlere Zeit 429
in Bruchteilen des tropischen Jahres 358
Tafeln zur Berechnung
des Julianischen Datums 424
geozentrischer Koordinaten von Orten der Erdoberfläche . . 434
der Verwandlung von Mittlerer Zeit in Sternzeit und umgekehrt 428
der Reduktion auf den scheinbaren Ort 339
der Übertragung mittlerer Sternörter von verschiedenen Äquinoktien auf 1918.0 371
der Übertragung von mittleren Polsternörtern auf 1918.0 . . . 371
der Übertragung von Sternörtern vom mittleren Äquinoktium 1918.0 auf das Normaläquinoktium 1925.0 372
der Präzession in äquatorialen und ekliptikalen Koordinaten . 417
des halben Tagbogens 420
der Verwandlung von Stunden, Minuten und Sekunden in Dezimalteile des Tages 430
der Aufgangs- und Untergangszeiten von Sonne und Mond in Breiten zwischen $+45^\circ$ und $+55^\circ$ 422
der optischen Mondlibration 432
Tagbogen, Tafel für den halben 420
Trabanten des Jupiter 385
des Saturn 391
Uranus, Geozentrische Koordinaten nebst Kulminationszeiten 101
Heliozentrische Koordinaten 112
Venus, Geozentrische Koordinaten nebst Kulminationszeiten 73
Heliozentrische Koordinaten 110
Zeichen, Astronomische VIII
des Tierkreises und der Himmelskörper VIII
Zeit, Zeit- und Festrechnung VI
Verwandlung von mittlerer Zeit in Sternzeit und umgekehrt . . 428
Verwandlung von Stunden, Minuten, Sekunden in Dezimalteile des Tages 430
Verwandlung von Mittlerer Zeit in Bruchteile des tropischen Jahres 340
» » Sternzeit » » » » » 358
Zeitgleichung 2



Verlag von Georg Reimer, Berlin.

Astronomischer Jahresbericht,

begründet von

Walter F. Wislicenus.

Mit Unterstützung der »Astronomischen Gesellschaft« herausgegeben.

1900—1915. 8°.

Band I—VI (Jahrg. 1899—1904), hrsg. von W. F. Wislicenus.
» VII—XI (Jahrg. 1905—1909), hrsg. von A. Berberich.
» XII—XVI (Jahrg. 1910—1914), bearbeitet im Kgl. Astronomischen Rechen-Institut, Berlin.

Der »Astronomische Jahresbericht« gibt in kurzen Referaten eine Übersicht über sämtliche in den verschiedenen Kultursprachen neu erschienenen Arbeiten auf dem Gebiete der Astronomie und Astrophysik und berücksichtigt auch tunlichst die Geodäsie und Nautische Astronomie, sowie die einschlägige Instrumententechnik. Der Inhalt eines jeden Bandes ist nach den verschiedenen Wissenschaftszweigen in 6 Teile mit 66 Paragraphen gegliedert: I. Allgemeines und Geschichtliches. — II. Instrumente, ihre Technik und Theorie. — III. Sphärische Astronomie. — IV. Theoretische Astronomie. — V. Beobachtungen und ihre Ergebnisse, nach Objekten geordnet. — VI. Geodäsie und Nautische Astronomie. — Jedem Bande ist ein ausführliches Namen- und ein nach Stichworten geordnetes Sachregister beigefügt, so daß sämtliche auf ein einzelnes Gebiet bezüglichen Arbeiten leicht aufzufinden sind.

Kommissionsverlag von Ferd. Dümmler (Berlin W. 30).

Berliner Astronomisches Jahrbuch . . . . 12.00 M.

Hiervon erscheinen folgende Sonderabdrücke:

1. Mittlere Örter von 925 Sternen. 24 Seiten . . . . 0.50 M.
2. Mittlere Örter von 925 Sternen und Scheinbare Örter von 573 Sternen nebst Reduktionstafeln. 262 Seiten . . . . 6.00 M.

Bezüglich älterer Jahrgänge (1831—1897), die noch ziemlich vollständig vorhanden sind, sind Anfragen direkt an das Kgl. Astronomische Rechen-Institut (Berlin-Dahlem, Altenstein Str. 40) zu richten, von wo auch Sonderabdrücke des Anhangs der kleinen Planeten, sowie der »Grundbegriffe der Sphärischen Astronomie« (s. Jahrbuch für 1916) zu erhalten sind.

Veröffentlichungen des Königlichen Astronomischen Rechen-Instituts zu Berlin.

Nr. 1. Tafel zur Berechnung der wahren Anomalie für Exzentrizitätswinkel von 0° bis 20° 20′ nebst einer Tafel zur genäherten Auflösung der Keplerschen Gleichung. 1892. . . . . 4.00 M.

Nr. 2. Allgemeine Störungen der Themis durch Mars und Saturn. Berechnet von Dr. Mönnichmeyer. 1893. . . . . 1.60 M.

Nr. 3. Untersuchungen über die Bahn des Olbersschen Kometen. I. Teil. Von F. K. Ginzel. 1893. . . . . 2.00 M.

Nr. 4—7. 9—13. 15. 17. 18. 19. 21. 22. 24. 26. 28—32. 34—40. Genäherte Oppositionsephemeriden von kleinen Planeten für 1897 bis 1911. 4°. à 1.20 M.

Nr. 8. Untersuchungen über den periodischen Kometen 1889 V, 1896 VI (Brooks) von Julius Bauschinger. 2. Teil. Die Erscheinung 1896—97 und ihre Verbindung mit der vom Jahre 1889—90. 1898. . . . . 2.00 M.

Nr. 14. Formeln und Hülfstafeln zur Reduktion von Mondbeobachtungen und Mondphotographieen von Dr. K. Graff. 1901. . . . . 2.00 M.

Nr. 16. Tabellen zur Geschichte und Statistik der kleinen Planeten von J. Bauschinger. 1901. . . . . 2.00 M.

Nr. 20. Festschrift zur Feier des siebenzigsten Geburtstages des Herrn Professor Dr. Wilhelm Foerster. — Kleinere Arbeiten der Astronomen des Rechen-Instituts. 1902. . . . . 5.00 M.

Nr. 23. Über das Problem der Bahnverbesserung von Julius Bauschinger. 1903. . . . . 2.00 M.

Nr. 25. Abgekürzte Tafeln der Sonne und der großen Planeten von Dr. P. V. Neugebauer. 1904. . . . . 2.00 M.

Nr. 27. Abgekürzte Tafeln des Mondes nebst Tafeln zur Berechnung der täglichen Auf- und Untergänge der Gestirne von Dr. P. V. Neugebauer. 1905. 2.00 M.

Nr. 33. Neuer Fundamentalkatalog des Berliner Astronomischen Jahrbuchs nach den Grundlagen von A. Auwers. Für die Epochen 1875 und 1900 bearbeitet von Dr. J. Peters. 1907. . . . . 5.00 M.

Nr. 41. Tafel zur Berechnung der Mittelpunktsgleichung und des Radiusvektors in elliptischen Bahnen für Exzentrizitätswinkel von 0° bis 24°. Bearbeitet von J. Peters. 1912. . . . . 3.00 M.

Nr. 42. Identifizierungsnachweis der kleinen Planeten. 1914. . . . 3.00 M.

Buchdruckerei A. W. Schade, Berlin N. 39, Schulzendorfer Str. 26.